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Census of Wholesale Trade

WC82-A-3

GEOGRAPHIC AREA SERIES

Arizona



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The publications
from the 1982 Economic and
Agriculture Censuses are dedicated
to the memory of Shirley Kallek,
Associate Director for Economic Fields.
During her career at the Bureau of the
Census (1955 to 1983), she continually
directed efforts to improve
the timeliness and accuracy of
economic statistics.

1982

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Issued August 1984



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C. L. Kincannon, Deputy Director

Charles A. Waite, Associate Director for
Economic Fields

John H. Berry, Assistant Director for
Economic and Agriculture Censuses

BUSINESS DIVISION
Howard N. Hamilton, Chief

ACKNOWLEDGMENTS—Many persons participated in the various activities of the 1982 Census of Wholesale Trade. Primary direction of the program was performed by **Shirley Kallek**, Associate Director for Economic Fields (until May 1983), **Charles A. Waite**, her successor, and **Michael G. Farrell**, Assistant Director for Economic and Agriculture Censuses (until August 1984), and **John H. Berry**, his successor.

This report was prepared in the Business Division under the general direction of **Gerald F. Cranford**, Chief (until December 1983), and **Howard N. Hamilton**, his successor. **Bobby E. Russell**, Assistant Division Chief for Census Programs, was responsible for the overall planning and management of the census of wholesale trade; he also coordinated activities with other divisions.

Planning and implementing this report were under the direction of **John R. Trimble**, Chief, Wholesale Census Branch, with primary staff assistance by **Dennis L. Shoemaker**, **John L. Vignali**, **Steven L. Barron**, and **Stacey Lynne Peckins**. **Alvin H. Barten**, Chief, Cross Industries Branch, with primary staff assistance by **Edward D. Walker**, coordinated activities, specifications, and procedures with the other economic censuses. Computer programs were developed under the general supervision of **Howard R. Dennis**, Assistant Division Chief for Data Processing. **William C. Wester**, Chief, Census Programming Branch, assisted by **Steven G. McCraith**, **Judith A. McKay**, **William E. Jagg**, and **Robert J. Hemmlg**, was primarily responsible for planning and implementing the programs. The computer programs were developed by **Leonard S. Sammarco**, **Jane M. Jaworski**, **Ann Chen Liau**, **Janice S. Farquhar**, **Donald K. Salzman**, and **Christina Arledge**. **Emory G. Fuller** and **Pearl E. Young** were responsible for scheduling and control of computer processing. Quality control and sample design were under the direction of **Nash J. Monsour**, Assistant Division Chief for Research and Methodology, with primary staff assistance by **Joseph K. Garrett**, **Carl A. Konschnik**, and **Michael Z. Shimberg**. **Dorothy J. Reynolds**, Assistant Division Chief for Current Programs, provided valuable assistance in coordinating the current survey interface.

Systems and procedures for mailout, receipt, correspondence, data input, industry classification, other clerical processing, administrative record processing, and quality control, along with the associated electronic computer programs, were developed in the Economic Surveys Division, **W. Joel Richardson**, Chief.

Planning, design, review, and composition of report forms were performed in the Administrative Services Division, **Robert L. Kirkland**, Chief.

Publication planning, design, editorial review, composition, and printing procurement were performed in the Publications Services Division, **Raymond J. Koski**, Chief.

Geographic coding procedures and associated computer programs were developed in the Geography Division, **Robert W. Marx**, Chief.

Mailout preparation and receipt operations, clerical and analytical review activities, data keying, and geocoding review were performed in the Data Preparation Division, **Don L. Adams**, Chief.

Computer processing was performed in the Computer Services Division, **C. Thomas DiNenna**, Chief (until February 1984), and **John E. Halterman**, his successor.

Photocomposition programs for the statistical tables were developed in the Systems Support Division, **Larry J. Patin**, Chief (until October 1983), and **Arnold E. Levin**, his successor.

The overall planning and review of the census operations were performed by the staff of the office of the Assistant Director for Economic and Agriculture Censuses.

Special acknowledgment is also due the many businesses whose cooperation has contributed to the publication of these data.

Library of Congress Cataloging in Publication Data

Census of wholesale trade (1982)
1982 census of wholesale trade.

Contents: [1] Geographic area series — [2] Industry series.

Supt. of Doc. no.: C 3.256/2: WC82-A

1. Wholesale trade—United States—Statistics.

I. United States. Bureau of the Census. II. Title.
HF5421.C4 1984 381'.2'0973

83-600198

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

INTRODUCTION

ECONOMIC CENSUSES OVER TIME

The early beginnings of America's industrial output were first measured in the United States in the 1810 Decennial Census and again in 1820, when questions on manufacturing were included with those for population. Beginning with the 1840 Decennial Census, there were enumerations of manufactures and mineral industries at 10-year intervals up to and including the year 1900 for manufactures and 1940 for mineral industries. The latter census was again taken for 1954, 1958, 1963, and 1967.

Because of the increasing dominance of manufacturing in the early 20th century, Congress directed that quinquennial censuses of manufactures be taken beginning in 1905. However, from 1919 through 1939, these censuses were conducted every 2 years. The need for war-related current surveys in the early 1940's postponed the next census of manufactures until 1948 (for 1947). That census was again taken for 1954, 1958, 1963, and 1967.

Retail and wholesale trade data were first collected in 1930, and in 1933 information on selected service industries was added to the data-collection operation. These business censuses, as they were called, were again taken for 1935, 1939 (as part of the 1940 decennial program), 1948, 1954, 1958, 1963, and 1967.

Information on construction industries was first obtained in 1930 and again for 1935 and 1939. Data for the full spectrum of construction industries were not gathered again until 1968 (for 1967).

The need for transportation data to supplement information available from existing governmental or private sources was recognized by Congress in the late 1950's and early 1960's. The census of transportation (consisting of several surveys) was first taken for 1963 and again for 1967.

Since 1967, all of the above censuses have been taken quinquennially as part of the Census Bureau's economic census program. (For the 1977 censuses, the coverage of the service industries was broadened from "selected services" to all services, except religious organizations and private households. A total of 41 additional four-digit standard industrial classifications¹ (SIC's) in 7 SIC major groups was added to the scope of the census. While most of the industries included for the first time for 1977 were covered again for 1982, some were not, i.e., hospitals; elementary and secondary schools; colleges, universities, and professional schools; junior colleges and technical institutes; labor unions and similar labor organizations; and political organizations.)

The first manufacturing census for an outlying area was conducted in Puerto Rico for the year 1909. Thereafter,

with the exception of 1929, a census was taken at 10-year intervals through 1949. The first censuses of retail trade, wholesale trade, and selected service industries in Puerto Rico were conducted in 1939. These censuses also were taken for the years 1949, 1954, 1958, 1963, and 1967. A census of construction industries was first introduced in Puerto Rico for 1967. These censuses of Puerto Rico have been taken since then for the years 1972, 1977, and 1982.

Censuses of manufactures, retail trade, wholesale trade, and selected service industries were conducted in Guam and the Virgin Islands of the United States for 1958, 1963, 1967, 1972, 1977, and 1982. Censuses of mineral industries were taken in the Virgin Islands of the United States for the years 1958, 1963, and 1967 but not since that time. A census of construction industries was also undertaken in these areas for 1972, 1977, and 1982.

Retail trade, wholesale trade, selected service industries, manufacturing, and construction industries were canvassed for the first time in the Northern Mariana Islands in 1983 (for 1982).

For 1982, the economic censuses and agriculture censuses were conducted concurrently.

USES OF THE ECONOMIC CENSUSES

The economic censuses are the major source of facts about the structure and functioning of the Nation's economy and provide essential information for government, business, industry, and the general public. They provide an important part of the framework for such composite measures as the gross national product, input-output measures, indexes of industrial production, and indexes measuring productivity and price levels. Information from the censuses is used to establish sampling frames and as benchmarks for current surveys of business activity, which are essential for measuring short-term economic conditions.

State and local governments use census data to assess business activities within their jurisdictions. The private sector uses the data to forecast general economic conditions; analyze sales performance; lay out sales territories; allocate funds for advertising; decide on locations for new plants, warehouses, or stores; and measure potential markets in terms of size, geographic areas, kinds of business, and kinds of products made or sold.

Following every census, thousands of businesses and other users purchase reports. Likewise, census facts are widely disseminated by trade associations, business journals, and newspapers. Volumes containing census statistics are available in most major public and college libraries. All 1982 data are available on microfiche from the U.S. Government Printing Office and most data on computer tape from the Census Bureau. Finally, the more than 50 State Data Centers also are suppliers of economic census statistics.

¹Standard Industrial Classification Manual: 1972. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. 1977 Supplement. Stock No. 003-005-00176-0.

AUTHORITY AND SCOPE OF THE ECONOMIC CENSUSES

The economic censuses are required by law under title 13 of the United States Code, sections 131, 191, and 224, which directs that they be taken at 5-year intervals for the years ending in 2 and 7. The 1982 Economic Censuses covered manufacturing, mining, construction industries, retail trade, wholesale trade, service industries, and selected transportation activities. Special programs also cover minority-owned and women-owned businesses. The next economic censuses are scheduled to be taken in 1988 for the year 1987.

CENSUS OF WHOLESALE TRADE

The 1982 Census of Wholesale Trade, part of the 1982 Economic Censuses, covered wholesale trade as defined in the Standard Industrial Classification (SIC) Manual.¹ It included all establishments with one or more paid employees primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm, or professional users; or to other wholesalers. Companies selling products to which they have title, as well as those acting as agents or brokers in buying merchandise for or selling merchandise to others, are included. The census excluded governmental organizations classified in the covered industries except for wholesale liquor establishments operated by State and local governments. The basic tabulations in this report do not include data for establishments which are "auxiliary" (primary function is providing a service, such as warehouses) to wholesale establishments within the same organization. Data for auxiliaries are presented for selected industrial classifications in tables included in the United States Summary report issued as part of this series. Data for auxiliaries will be presented for more detailed industry breakdowns in a subsequent report issued as part of the 1982 Enterprise Statistics reports.

Wholesale firms without employees were excluded from the census. In the census of retail trade, the sales of firms with no paid employees are derived from administrative records of other Federal agencies rather than from a direct canvass. These sources proved impractical for wholesale firms without paid employees. In the census of wholesale trade, the sales value is the gross volume of business conducted. Firms which operate wholly or partly on a commission basis must provide both the gross volume of business conducted and commission receipts on census forms. Agents and brokers do not report to other Federal agencies the gross selling value of goods. Moreover, administrative records make no distinction between commission receipts and sales receipts by wholesalers.

Appendix A gives a more detailed explanation of census coverage and methodology.

¹Standard Industrial Classification Manual: 1972. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. 1977 Supplement. Stock No. 003-005-00176-0.

CENSUS DISCLOSURE RULES

In accordance with Federal law governing census reports, no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure, so this information may be released even though other information is withheld.

GEOGRAPHIC AREAS COVERED

This report series presents data for the following areas:

1. The United States as a whole.
2. Each State and the District of Columbia.
3. Each standard consolidated statistical area (SCSA) defined by the Office of Management and Budget as of January 1, 1982, meeting the criteria published in the 1975 Standard Metropolitan Statistical Areas manual or Federal Register, January 3, 1980, Vol. 45, No. 2.^{2 3} An SCSA is an area used to facilitate the presentation and analysis of data for large concentrations of metropolitan populations. It includes two or more contiguous standard metropolitan statistical areas which have a population of at least 1,000,000⁴ and which meet specific criteria of urban character and of social and economic integration.
4. Each standard metropolitan statistical area (SMSA) defined by the Office of Management and Budget as of January 1, 1982, meeting the criteria published in the 1975 Standard Metropolitan Statistical Areas manual or Federal Register, January 3, 1980, Vol. 45, No. 2.^{2 3} An SMSA is an integrated economic and social unit with a population nucleus of at least 50,000 inhabitants.⁴ Each SMSA consists of one or more counties meeting standards of metropolitan character; in New England, cities and towns rather than counties are the component geographic units.
5. The area within the State outside standard metropolitan statistical areas.

²Standard Metropolitan Statistical Areas, Revised Edition 1975 (for SMSA's prior to January 3, 1980). For sale by Superintendent of Documents, U.S. Government Printing Office, Washington D.C. 20402 and Federal Register (for SMSA's since January 3, 1980), Vol. 45, No. 2, pages 956-963. Available from Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

³On June 30, 1983, the Office of Management and Budget announced newly defined metropolitan statistical areas (MSA's), consolidated metropolitan statistical areas (CMSA's), and primary metropolitan statistical areas (PMSA's) into which previously defined SMSA's and SCSA's were restructured. The 1982 Economic Censuses publications do not present data for the newly defined areas. These areas were defined after 1982 publication plans were almost complete. Inclusion of the newly defined areas would have materially delayed the publication of the 1982 Economic Censuses reports. However, limited 1977 data for the new areas will be published in the 1984 edition of the *State and Metropolitan Area Data Book*, and limited 1982 data will be published in the 1985 edition.

⁴According to 1980 Census of Population.

6. Each county or county equivalent.^{5 6}
 7. Each municipality of 2,500 inhabitants or more incorporated as a city, borough, village, or town.^{4 5}
- For the economic censuses, boroughs and census areas in Alaska, boroughs in New York, and towns in New York and Wisconsin are not included in this category.
8. Special economic urban areas (SEUA's) which include townships in New Jersey and Pennsylvania and towns in New England with 10,000 inhabitants or more.⁴

DOLLAR VALUES

All dollar values presented in this report are expressed in current dollars, i.e., 1982 data are expressed in 1982 dollars and 1977 data in 1977 dollars. Consequently, when making comparisons to prior years, users of the data should consider the inflation that has occurred.

RELIABILITY OF DATA

All data compiled in this report originated from either census questionnaires or administrative records of other Federal agencies and, therefore, are not subject to sampling errors. However, the data are subject to nonsampling errors. Nonsampling errors can be attributed to many sources: inability to identify all cases in the actual universe; definition and classification difficulties; differences in the interpretation of questions; errors in recording or coding the data obtained; and other errors of collection, response, coverage, and estimation for missing or misreported data.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data; however, precautionary steps were taken in all phases of collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors.

Limited information is obtained from the administrative records of other Federal agencies. This information is used in conjunction with other information available to the Census Bureau to develop estimates for small employers and other establishments for which responses were not

received in time for publication. For an indication of the extent that data included in these reports were obtained from the administrative records of other Federal agencies and from estimation, rather than reports directly from respondents, see appendix E. Also, see appendix A for a more detailed explanation of census coverage and methodology.

MICROFICHE AND COMPUTER TAPES

The data in this report series are also available on microfiche and computer tapes. Microfiche reports are sold by the U.S. Government Printing Office. Computer tapes are sold by the Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233.

SPECIAL TABULATIONS

Special tabulations of data collected in the 1982 Census of Wholesale Trade may be obtained, depending on availability of time and personnel, on computer tape or in tabular form. The data will be in summary form and subject to the same rules prohibiting disclosure of confidential information (including name, address, kind of business, or other data for individual business establishments or companies) as are the regular publications.

Special tabulations are prepared on a cost basis. A request for a cost estimate, as well as exact specifications on the type and format of the data to be provided, should be directed to the Chief, Business Division, Bureau of the Census, Washington, D.C. 20233.

To discuss a special tabulation before submitting specifications, call 301-763-5282.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

—	Represents zero.
(D)	Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
(IC)	Independent city.
(NA)	Not available.
(NC)	Not comparable.
(X)	Not applicable.
n.e.c.	Not elsewhere classified.
SIC	Standard Industrial Classification.
SCSA	Standard Consolidated Statistical Area.
SMSA	Standard Metropolitan Statistical Area.

⁴According to 1980 Census of Population.

⁵Those defined as of January 1, 1982.

⁶See appendix F for Alaska, Louisiana, Maryland, Missouri, Montana, Nevada, Virginia, and District of Columbia county equivalents.

Users' Guide for Locating Statistics in This Report by Table Number

Information shown in tables	Table									
	1	2	3	4	5	6	7	8	9	10
GEOGRAPHIC AREAS										
The State	X	X	X					X	X	X
SCSA's in the State										
SMSA's in the State				X						
Area of State not in any SMSA					X					
Counties in the State						¹ X			X	
Places in the State							¹ X	² X		² X
DATA ITEMS³										
Establishments	X	X		⁴ X	⁴ X	⁴ X	⁴ X	⁴ X		
Sales	X	X		⁴ X	⁴ X	⁴ X	⁴ X	⁴ X	X	X
Annual payroll	X	X		⁵ X	⁵ X	⁵ X	⁵ X	⁵ X		
First quarter payroll	X									
Paid employees for pay period including March 12	X			⁵ X	⁵ X	⁵ X	⁵ X	⁵ X		
Inventories	X									
Operating expenses	X									
1977 to 1982 comparative statistics (sales, payroll)		X								
Sales per establishment			X							
Sales per employee			X							
Annual payroll per employee			X							
Annual payroll as a percent of operating expenses			X							
Employees per establishment			X							
Operating expenses as a percent of sales			X							
End-of-1982 inventories as a percent of sales			X							
Counties ranked by volume of sales									X	
Places ranked by volume of sales										² X

¹ Includes areas with 200 wholesale establishments or more.

² Includes places with 2,500 inhabitants or more, according to the 1980 Census of Population.

³ See Explanation of Terms, appendix A.

⁴ Manufacturers' sales branches and offices, and agents, brokers, and commission merchants are combined and displayed as "other types of operation."

⁵ Presented for total and merchant wholesalers only.

Users' Guide for Locating Statistics in the 1982 Census of Wholesale Trade Reports

Report and geographic area	Information shown in reports by kind of business or industry category										
	Number of establishments	Sales (\$1,000)	Payroll (\$1,000)	Number of employees	Inventories (\$1,000)	Operating expenses (\$1,000)	Commodity line sales (\$1,000)	Establishment and firm size	Legal form of organization	Petroleum bulk stations and terminals	Selected topics
GEOGRAPHIC AREA SERIES											
United States	X	X	X	X	X	X					
State	X	X	X	X	X	X					
SCSA	X	X	X	X							
SMSA	X	X	X	X							
County	X	X	X	X							
Place	X	X	X	X							
ESTABLISHMENT AND FIRM SIZE (INCLUDING LEGAL FORM OF ORGANIZATION)											
United States	X	X	¹ X	¹ X	¹ X	¹ X		X	X		
MEASURES OF VALUE PRODUCED, CAPITAL EXPENDITURES, DEPRECIABLE ASSETS, AND OPERATING EXPENSES											
United States ¹		X	X			X			X		² X
COMMODITY LINE SALES											
United States	X	X					X				
State ³	X	X					X				
SMSA ³	X	X					X				
MISCELLANEOUS SUBJECTS											
United States	X	X	X	X	X	X				X	⁴ X
State										X	
County										X	

¹ Merchant wholesalers only.

² Value produced, capital expenditures, depreciable assets, and selected operating expenses detail.

³ Available on microfiche only.

⁴ Class of customer, employment by principal activity, and detailed type of operation.



Arizona

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SUMMARY OF FINDINGS

Data from the 1982 Census of Wholesale Trade show that Arizona's 4,555 wholesale establishments had sales totaling \$13.9 billion. In 1977, 3,587 wholesalers had sales of \$8.1 billion.

Among the three major wholesale types of operation, merchant wholesalers had the largest share, with 3,721 establishments and sales of \$8.3 billion; followed by manufacturers' sales branches and offices, with 382 establishments and sales of \$3.9 billion; and agents, brokers, and commission merchants, with 452 establishments and sales of \$1.7 billion.

The 1982 payroll of all wholesalers in the State amounted to \$906 million, compared to \$471 million for 1977. Payroll per employee averaged \$17.3 thousand for all wholesalers; \$16.3 thousand for merchant wholesalers; \$23.0 thousand for manufacturers' sales branches and offices; and \$17.6 thousand for agents, brokers, and commission merchants.

There were 52,401 paid employees (full- and part-time) engaged in wholesale trade in the State as of mid-March 1982. Merchant wholesalers were the largest employers, with 42,988 employees; followed by manufacturers' sales branches and offices, with 6,990 employees; and agents, brokers, and commission merchants, with 2,423 employees.

Sales by groceries and related products wholesalers in 1982 accounted for 23.3 percent of the State's total

sales by all wholesalers, compared to 23.1 percent in 1977. Other leading wholesale kinds of business groups in 1982 were machinery, equipment, and supplies wholesalers, with 13.1 percent; petroleum and petroleum products wholesalers, with 12.3 percent; motor vehicles and automotive parts and supplies wholesalers, with 10.0 percent; and electrical goods wholesalers, with 9.0 percent.

For 1982, sales for all wholesalers in the State averaged \$3.1 million per establishment. Petroleum and petroleum products wholesalers averaged \$11.9 million per establishment; farm-product raw materials wholesalers, \$9.4 million; beer, wine and distilled alcoholic beverages wholesalers, \$7.4 million; groceries and related products wholesalers, \$6.5 million; and metals and minerals, except petroleum wholesalers, \$5.8 million.

In 1982, sales per employee for all wholesalers in the State averaged \$266 thousand. Petroleum and petroleum products wholesalers reported sales per employee of \$1.3 million, which contrasts sharply with the \$124 thousand recorded by miscellaneous durable goods wholesalers.

Maricopa County led all counties in the State, accounting for 78.3 percent of total sales by wholesalers. Phoenix had the largest sales among all places in the State, accounting for 57.0 percent.

Table 1. Summary Statistics for the State: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
	Wholesale trade -----	4 555	13 927 825	906 305	220 725	52 401	1 826 118	1 108 973	1 084 000
	TYPES OF OPERATION								
	Merchant wholesalers -----	3 721	8 340 419	702 759	170 874	42 988	1 435 857	960 124	935 527
	Wholesale distributors and jobbers -----	3 576	7 764 146	664 238	162 117	40 737	1 341 410	886 172	860 537
	Importers -----	86	319 314	26 116	6 052	1 293	67 253	50 102	53 768
	Exporters -----	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Terminal grain elevators -----	-	-	-	-	-	-	-	-
	Country grain elevators -----	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Assemblers of farm products, except country grain elevators -----	22	118 709	5 982	1 370	616	12 841	2 701	2 002
	Manufacturers' sales branches and sales offices -----	382	3 902 446	160 963	39 131	6 990	302 134	146 183	144 512
	Sales branches (with stock) -----	248	2 566 951	121 764	29 289	5 512	232 066	146 183	144 512
	Sales offices (without stock) -----	134	1 335 495	39 199	9 842	1 478	70 068	-	-
	Agent, brokers, and commission merchants -----	452	1 684 960	42 583	10 720	2 423	88 127	2 666	3 961
	Auction companies -----	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Brokers (representing buyers and sellers) -----	96	555 917	11 983	3 047	697	22 920	204	177
	Commission merchants -----	70	236 713	5 222	1 279	309	12 301	750	920
	Import agents -----	39	225 889	5 758	1 560	363	13 955	-	-
	Export agents -----	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Manufacturers' agents -----	237	561 872	17 808	4 453	854	35 423	1 594	2 835
	TYPES OF OPERATION BY KIND OF BUSINESS								
	Wholesale trade -----	4 555	13 927 825	906 305	220 725	52 401	1 826 118	1 108 973	1 084 000
50	Durable goods -----	3 076	6 587 546	568 549	140 449	32 777	1 119 186	792 451	772 860
501	Motor vehicles and automotive parts and supplies -----	503	1 397 451	81 881	20 254	5 502	153 697	126 254	116 509
5012	Automobiles and other motor vehicles -----	70	857 990	15 411	4 101	1 021	28 221	32 207	29 016
5013	Automotive parts and supplies -----	381	418 900	54 515	13 227	3 789	102 899	76 050	72 647
5014	Tires and tubes -----	52	120 561	11 955	2 926	692	22 577	17 997	14 846
502	Furniture and home furnishings -----	158	199 161	20 858	4 977	1 463	43 235	17 994	17 832
5021	Furniture -----	63	73 151	8 403	2 187	549	17 937	5 769	5 999
5023	Home furnishings -----	95	126 010	12 455	2 790	914	25 298	12 225	11 833
503	Lumber and other construction materials -----	246	658 008	48 944	12 317	3 083	107 835	66 497	65 914
5031	Lumber, plywood and millwork -----	73	320 959	23 801	6 080	1 419	49 523	30 449	30 354
5039	Construction materials, n.e.c. -----	173	337 049	25 143	6 237	1 664	58 312	36 048	35 560
504	Sporting, recreational, photographic, and hobby goods, toys and supplies -----	90	97 620	7 767	1 881	529	16 749	14 269	14 660
5041	Sporting and recreational goods and supplies -----	51	45 273	3 527	995	277	7 672	7 305	7 317
5042	Toys and hobby goods and supplies -----	23	23 907	2 112	358	132	4 952	4 334	3 525
5043	Photographic equipment and supplies -----	16	28 440	2 128	528	120	4 125	2 630	3 818
505	Metals and minerals, except petroleum -----	74	431 062	22 935	6 045	1 233	49 801	36 736	33 949
5051	Metals service centers and offices -----	69	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores -----	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods -----	435	1 251 360	76 803	18 836	3 918	162 057	99 746	94 590
5063	Electrical apparatus and equipment -----	190	526 284	33 747	8 492	1 778	61 954	34 350	31 723
5064	Electrical appliances, television and radio sets -----	47	234 242	12 921	3 419	724	30 700	26 420	23 803
5065	Electronic parts and equipment -----	198	490 834	30 135	6 925	1 416	69 403	38 976	39 064
507	Hardware, and plumbing and heating equipment and supplies -----	284	517 208	49 183	11 946	2 895	105 021	81 496	82 827
5072	Hardware -----	80	131 443	14 440	3 487	880	28 265	27 514	23 776
5074	Plumbing and heating equipment and supplies (hydronics) -----	117	206 587	18 924	4 545	1 210	40 927	28 525	29 239
5075	Warm air heating and air conditioning equipment and supplies -----	57	147 005	11 884	2 954	582	27 542	19 986	24 278
5078	Refrigeration equipment and supplies -----	30	32 173	3 935	960	223	8 287	5 471	5 534
508	Machinery, equipment, and supplies -----	1 056	1 825 019	240 154	59 430	12 453	435 753	317 524	322 248
5081	Commercial machines and equipment -----	264	658 715	88 082	20 984	4 115	148 465	54 321	59 972
5082	Construction and mining machinery and equipment -----	91	247 417	36 511	9 519	1 801	67 383	101 355	88 373
5083	Farm and garden machinery and equipment -----	91	173 401	20 103	5 551	1 179	36 187	62 538	73 547
5084	Industrial machinery and equipment -----	216	291 847	40 454	9 892	2 012	76 272	37 249	35 879
5085	Industrial supplies -----	136	161 849	17 288	4 410	1 061	34 153	25 303	24 826
5086	Professional equipment and supplies -----	147	192 166	22 655	5 465	1 284	43 832	18 544	19 807
5087	Service establishment equipment and supplies -----	86	74 038	11 811	2 843	823	22 986	11 391	11 381
5088	Transportation equipment and supplies, except motor vehicles -----	25	25 586	3 250	766	178	6 475	6 823	8 463
509	Miscellaneous durable goods -----	230	210 657	20 024	4 763	1 701	45 038	31 935	24 331
5093	Scrap and waste materials -----	101	72 002	9 584	2 468	916	22 465	13 536	10 528
5094	Jewelry, watches, diamonds and other precious stones -----	58	78 653	5 142	1 081	337	9 201	9 201	8 545
5099	Durable goods, n.e.c. -----	71	60 002	5 298	1 214	448	10 571	9 198	5 258

Table 1. Summary Statistics for the State: 1982—Con.

(For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A)

SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS—Con.									
Wholesale trade—Con.									
51	Nondurable goods	1 479	7 340 279	337 756	80 276	19 624	706 932	316 522	311 140
511	Paper and paper products	143	271 805	25 700	6 301	1 515	49 007	25 183	25 182
5111	Printing and writing paper	20	85 995	6 980	1 696	320	13 002	7 398	8 469
5112	Stationery supplies	85	93 486	13 185	3 314	866	23 776	10 829	10 646
5113	Industrial and personal service paper	38	92 324	5 535	1 291	329	12 229	6 956	6 067
512	Drugs, drug proprietaries and druggists' sundries	43	218 507	13 387	3 086	783	29 482	23 819	26 537
5122	Drugs, drug proprietaries, and druggists' sundries	43	218 507	13 387	3 086	783	29 482	23 819	26 537
513	Apparel, piece goods, and notions	52	66 556	5 250	1 112	413	13 001	8 148	7 686
5133	Piece goods (woven fabrics)	13	18 639	1 085	252	76	2 374	1 190	1 131
5134	Notions and other dry goods	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	14	25 366	1 925	396	182	4 304	4 399	4 250
5137	Women's, children's and infants' clothing and accessories	16	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5139	Footwear	4	2 288	170	46	11	362	157	164
514	Groceries and related products	499	3 247 503	169 452	40 276	9 234	334 228	94 684	96 759
5141	Groceries, general line	56	897 557	44 715	9 976	1 638	75 655	45 167	44 124
5142	Frozen foods	36	226 381	12 053	2 932	698	24 000	9 022	8 755
5143	Dairy products	32	255 020	6 261	1 369	333	12 346	4 539	4 109
5144	Poultry and poultry products	13	57 416	2 555	629	209	4 925	1 137	1 384
5145	Confectionery	28	50 860	6 588	1 513	296	15 395	3 788	3 734
5146	Fish and seafoods	10	11 758	710	137	44	1 306	234	305
5147	Meats and meat products	53	460 446	12 543	3 454	753	29 286	8 860	11 880
5148	Fresh fruits and vegetables	141	642 105	30 049	7 825	2 415	63 759	3 063	2 550
5149	Groceries and related products, n.e.c.	130	645 960	53 978	12 441	2 848	107 556	18 874	19 918
515	Farm-product raw materials	44	415 695	7 173	1 482	557	16 243	18 407	21 278
5152	Cotton	8	146 662	1 363	254	44	2 335	1 685	6 346
5153	Grain	19	110 294	3 819	722	216	8 175	15 458	14 059
5154	Livestock	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	104	343 312	17 712	4 164	955	38 919	10 142	10 071
5161	Chemicals and allied products	104	343 312	17 712	4 164	955	38 919	10 142	10 071
517	Petroleum and petroleum products	144	1 712 280	20 636	5 125	1 313	51 658	48 199	38 333
5171	Petroleum bulk stations and terminals	95	1 486 608	14 131	3 600	842	35 594	42 845	32 844
5172	Petroleum and petroleum products, except bulk stations and terminals	49	225 672	6 505	1 525	471	16 064	5 354	5 489
518	Beer, wine and distilled alcoholic beverages	74	546 274	39 569	9 335	2 007	83 947	44 776	39 617
5181	Beer and ale	41	292 083	21 700	5 057	1 141	50 390	15 449	13 782
5182	Wines and distilled alcoholic beverages	33	254 191	17 869	4 278	866	33 557	29 327	25 835
519	Miscellaneous nondurable goods	376	518 347	38 877	9 395	2 847	90 447	43 164	45 677
5191	Farm supplies	149	197 120	14 339	3 399	961	32 465	23 727	24 663
5194	Tobacco and tobacco products	10	91 642	2 947	712	230	5 758	3 295	2 931
5198	Paints, varnishes, and supplies	42	31 941	4 088	922	273	8 320	3 638	3 651
5199	Nondurable goods, n.e.c.	175	197 644	17 503	4 362	1 383	43 904	12 504	14 432
	Merchant wholesalers	3 721	8 340 419	702 759	170 874	42 988	1 435 857	960 124	935 527
50	Durable goods	2 562	3 870 207	443 706	109 584	27 474	895 204	692 521	665 063
501	Motor vehicles and automotive parts and supplies	471	648 378	73 654	18 235	5 109	140 096	121 188	110 215
5012	Automobiles and other motor vehicles	62	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5013	Automotive parts and supplies	363	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5014	Tires and tubes	46	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	127	163 113	19 088	4 510	1 349	39 946	17 421	17 429
5021	Furniture	50	63 316	7 958	2 068	526	17 033	5 760	5 989
5023	Home furnishings	77	99 797	11 130	2 442	823	22 913	11 661	11 440
503	Lumber and other construction materials	207	439 998	42 461	10 628	2 740	91 178	45 445	43 680
5031	Lumber, plywood and millwork	66	268 674	22 413	5 733	1 357	45 896	26 094	26 100
5039	Construction materials, n.e.c.	141	171 324	20 048	4 895	1 383	45 282	19 351	17 580
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	81	68 521	6 749	1 628	476	14 416	13 557	13 619
5041	Sporting and recreational goods and supplies	47	33 155	3 229	916	256	6 686	6 767	6 701
5042	Toys and hobby goods and supplies	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5043	Photographic equipment and supplies	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	57	156 106	12 612	3 206	716	30 077	22 790	19 789
5051	Metals service centers and offices	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	291	587 769	53 328	12 879	2 966	117 737	94 550	89 394
5063	Electrical apparatus and equipment	134	223 984	22 645	5 689	1 295	42 163	31 158	28 517
5064	Electrical appliances, television and radio sets	34	136 935	10 470	2 774	605	23 807	25 581	23 034
5065	Electronic parts and equipment	123	226 850	20 213	4 416	1 066	51 767	37 811	37 843
507	Hardware, and plumbing and heating equipment and supplies	233	391 901	41 122	9 919	2 530	87 686	73 359	75 155
5072	Hardware	65	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5074	Plumbing and heating equipment and supplies (hydronics)	100	174 722	17 738	4 243	1 140	38 520	27 498	28 392
5075	Warm air heating and air conditioning equipment and supplies	40	81 425	7 149	1 754	385	16 623	14 218	18 986
5078	Refrigeration equipment and supplies	28	(D)	(D)	(D)	(D)	(D)	(D)	(D)

Table 1. Summary Statistics for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS—Con.									
Merchant wholesalers—Con.									
50	Durable goods—Con.								
508	Machinery, equipment, and supplies	890	1 259 442	176 254	44 185	9 992	332 913	272 810	271 964
5081	Commercial machines and equipment	207	252 032	37 299	8 803	2 267	69 529	23 958	24 950
5082	Construction and mining machinery and equipment	80	228 338	35 152	9 168	1 741	65 025	95 725	84 367
5083	Farm and garden machinery and equipment	80	161 633	18 771	5 311	1 123	34 220	59 404	67 404
5084	Industrial machinery and equipment	170	219 320	34 677	8 476	1 759	64 844	34 182	33 103
5085	Industrial supplies	120	143 113	16 160	4 198	1 018	32 249	24 912	24 474
5086	Professional equipment and supplies	128	157 789	19 260	4 653	1 091	37 875	16 540	18 054
5087	Service establishment equipment and supplies	82	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5088	Transportation equipment and supplies, except motor vehicles	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	205	154 979	18 438	4 394	1 596	41 155	31 401	23 818
5093	Scrap and waste materials	97	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5094	Jewelry, watches, diamonds and other precious stones	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5099	Durable goods, n.e.c.	55	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	1 159	4 470 212	259 053	61 290	15 514	540 653	267 603	270 464
511	Paper and paper products	125	215 580	22 393	5 473	1 378	43 469	24 999	24 904
5111	Printing and writing paper	16	83 727	6 538	1 594	305	12 186	7 398	8 469
5112	Stationery supplies	74	71 862	10 785	2 711	771	20 069	10 741	10 496
5113	Industrial and personal service paper	35	59 991	5 070	1 168	302	11 214	6 860	5 939
512	Drugs, drug proprietaries and druggists' sundries	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5122	Drugs, drug proprietaries, and druggists' sundries	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	41	45 408	4 457	907	369	11 442	7 219	6 603
5133	Piece goods (woven fabrics)	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5134	Notions and other dry goods	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5139	Footwear	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	330	1 974 232	111 150	26 440	6 208	216 536	87 146	88 148
5141	Groceries, general line	49	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5142	Frozen foods	25	192 062	10 823	2 631	615	21 576	8 973	8 692
5143	Dairy products	24	196 401	4 944	1 056	276	9 978	4 539	3 947
5144	Poultry and poultry products	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5145	Confectionery	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5146	Fish and seafoods	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5147	Meats and meat products	40	267 877	9 056	2 627	582	21 808	7 106	9 639
5148	Fresh fruits and vegetables	74	253 492	20 579	5 331	1 859	41 689	3 063	2 550
5149	Groceries and related products, n.e.c.	78	(D)	(D)	(D)	(D)	(D)	(D)	(D)
515	Farm-product raw materials	36	308 075	6 313	1 293	422	14 306	18 289	21 238
5152	Cotton	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5153	Grain	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5154	Livestock	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	80	128 657	13 531	3 060	769	30 365	9 560	9 494
5161	Chemicals and allied products	80	128 657	13 531	3 060	769	30 365	9 560	9 494
517	Petroleum and petroleum products	103	621 204	15 143	3 755	1 058	34 567	12 125	11 857
5171	Petroleum bulk stations and terminals	62	413 609	8 942	2 304	612	19 381	7 402	6 850
5172	Petroleum and petroleum products, except bulk stations and terminals	41	207 595	6 201	1 451	446	15 186	4 723	5 007
518	Beer, wine and distilled alcoholic beverages	73	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5181	Beer and ale	41	292 083	21 700	5 057	1 141	50 390	15 449	13 782
5182	Wines and distilled alcoholic beverages	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	336	441 045	34 053	8 161	2 555	80 597	39 701	42 153
5191	Farm supplies	144	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5194	Tobacco and tobacco products	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5198	Paints, varnishes, and supplies	32	15 333	2 101	464	158	4 198	1 854	1 792
5199	Nondurable goods, n.e.c.	151	150 103	15 411	3 764	1 247	40 053	12 400	14 262
Manufacturers' sales branches and sales offices									
		382	3 902 446	160 963	39 131	6 990	302 134	146 183	144 512
50	Durable goods	236	2 088 731	103 963	25 718	4 273	181 637	97 641	104 386
501	Motor vehicles and automotive parts and supplies	18	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials	25	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	9	265 287	9 952	2 757	498	19 028	13 937	14 151
506	Electrical goods	50	345 705	14 524	3 657	568	26 021	4 086	3 393
507	Hardware, and plumbing and heating equipment and supplies	18	82 811	5 912	1 480	250	13 303	8 028	7 528
508	Machinery, equipment, and supplies	103	478 036	59 573	14 242	2 257	94 219	44 005	49 559
509	Miscellaneous durable goods	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	146	1 813 715	57 000	13 413	2 717	120 497	48 542	40 126
511	Paper and paper products	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	59	431 332	40 501	9 284	1 980	80 541	7 476	8 470
515	Farm-product raw materials								

Table 1. Summary Statistics for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS —Con.									
Manufacturers' sales branches and sales offices—Con.									
51	Nondurable goods—Con.								
516	Chemicals and allied products	17	201 403	3 695	987	155	7 325	571	520
517	Petroleum and petroleum products	30	1 063 392	4 934	1 220	200	15 610	36 020	26 363
518	Beer, wine and distilled alcoholic beverages	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	21	57 969	3 999	975	225	8 133	3 424	3 480
	Agent, brokers, and commission merchants	452	1 684 960	42 583	10 720	2 423	88 127	2 666	3 961
50	Durable goods	278	628 608	20 880	5 147	1 030	42 345	2 289	3 411
501	Motor vehicles and automotive parts and supplies	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	8	9 669	371	82	19	696	9	9
506	Electrical goods	94	317 886	8 951	2 300	384	18 299	1 110	1 803
507	Hardware, and plumbing and heating equipment and supplies	33	42 496	2 149	547	115	4 032	109	144
508	Machinery, equipment, and supplies	63	87 541	4 327	1 003	204	8 621	709	725
509	Miscellaneous durable goods	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	174	1 056 352	21 703	5 573	1 393	45 782	377	550
511	Paper and paper products	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	110	841 939	17 801	4 552	1 046	37 151	62	141
515	Farm-product raw materials	8	107 620	860	189	135	1 937	118	40
516	Chemicals and allied products	7	13 252	486	117	31	1 229	11	57
517	Petroleum and petroleum products	11	27 684	559	150	55	1 481	54	113
518	Beer, wine and distilled alcoholic beverages	-	-	-	-	-	-	-	-
519	Miscellaneous nondurable goods	19	19 333	825	259	67	1 717	39	44

Table 2. Comparative Statistics for the State: 1982 and 1977

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982
	Wholesale trade	4 555	3 587	13 927 825	8 091 848	72.1	906 305	470 913	92.5
50	Durable goods	3 076	2 307	6 587 546	4 162 683	58.3	568 549	305 167	86.3
501	Motor vehicles and automotive parts and supplies	503	441	1 397 451	1 164 924	20.0	81 881	51 791	58.1
5012	Automobiles and other motor vehicles	70	49	857 990	799 793	7.3	15 411	12 269	25.6
5013	Automotive parts and supplies	381	329	418 900	(D)	(D)	54 515	(D)	(D)
5014	Tires and tubes	52	63	120 561	(D)	(D)	11 955	(D)	(D)
502	Furniture and home furnishings	158	102	199 161	104 492	90.6	20 858	9 327	123.6
5021	Furniture	63	38	73 151	39 510	85.1	8 403	3 387	148.1
5023	Home furnishings	95	64	126 010	64 982	93.9	12 455	5 940	109.7
503	Lumber and other construction materials	246	171	658 008	394 595	66.8	48 944	22 444	118.1
5031	Lumber, plywood and millwork	73	59	320 959	235 688	36.2	23 801	12 677	87.7
5039	Construction materials, n.e.c.	173	112	337 049	158 907	112.1	25 143	9 767	157.4
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	90	57	97 620	47 116	107.2	7 767	3 174	144.7
5041	Sporting and recreational goods and supplies	51	29	45 273	28 713	57.7	3 527	1 870	88.6
5042	Toys and hobby goods and supplies	23	20	23 907	12 824	86.4	2 112	1 007	109.7
5043	Photographic equipment and supplies	16	8	28 440	5 579	409.8	2 128	297	616.5
505	Metals and minerals, except petroleum	74	64	431 062	182 627	136.0	22 935	8 903	157.6
5051	Metals service centers and offices	69	62	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	5	2	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	435	314	1 251 360	690 713	81.2	76 803	35 936	113.7
5063	Electrical apparatus and equipment	190	158	526 284	397 595	32.4	33 747	19 395	74.0
5064	Electrical appliances, television and radio sets	47	43	234 242	130 805	79.1	12 921	7 208	79.3
5065	Electronic parts and equipment	198	113	490 834	162 313	202.4	30 135	9 333	222.9
507	Hardware, and plumbing and heating equipment and supplies	284	205	517 208	314 909	64.2	49 183	24 918	97.4
5072	Hardware	80	62	131 443	107 166	22.7	14 440	8 038	79.6
5074	Plumbing and heating equipment and supplies (hydronics)	117	76	206 587	105 436	95.9	18 924	8 749	116.3
5075	Warm air heating and air conditioning equipment and supplies	57	46	147 005	61 711	138.2	11 884	5 659	110.0
5078	Refrigeration equipment and supplies	30	21	32 173	40 596	-20.8	3 935	2 472	59.2

Table 2. Comparative Statistics for the State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982
	Wholesale trade—Con.								
50	Durable goods—Con.								
508	Machinery, equipment, and supplies	1 056	790	1 825 019	1 140 842	60.0	240 154	137 235	75.0
5081	Commercial machines and equipment	264	173	658 715	329 520	99.9	88 082	49 506	77.9
5082	Construction and mining machinery and equipment	91	88	247 417	232 763	6.3	36 511	22 124	65.0
5083	Farm and garden machinery and equipment	91	88	173 401	121 443	42.8	20 103	11 841	69.8
5084	Industrial machinery and equipment	216	136	291 847	175 005	66.8	40 454	20 695	95.5
5085	Industrial supplies	136	114	161 849	103 740	56.0	17 288	10 889	58.8
5086	Professional equipment and supplies	147	93	192 166	106 268	80.8	22 655	13 590	66.7
5087	Service establishment equipment and supplies	86	80	74 038	44 168	67.6	11 811	6 414	84.1
5088	Transportation equipment and supplies, except motor vehicles	25	18	25 586	27 935	-8.4	3 250	2 176	49.4
509	Miscellaneous durable goods	230	163	210 657	122 465	72.0	20 024	11 439	75.1
5093	Scrap and waste materials	101	64	72 002	51 559	39.6	9 584	4 725	102.8
5094	Jewelry, watches, diamonds and other precious stones	58	54	78 653	34 821	125.9	5 142	3 619	42.1
5099	Durable goods, n.e.c.	71	45	60 002	36 085	66.3	5 298	3 095	71.2
51	Nondurable goods	1 479	1 280	7 340 279	3 929 165	86.8	337 756	165 746	103.8
511	Paper and paper products	143	99	271 805	118 731	128.9	25 700	12 006	114.1
5111	Printing and writing paper	20	11	85 995	39 954	115.2	6 980	3 124	123.4
5112	Stationery supplies	85	61	93 486	39 859	134.5	13 185	5 947	121.7
5113	Industrial and personal service paper	38	27	92 324	38 918	137.2	5 535	2 935	88.6
512	Drugs, drug proprietaries and druggists' sundries	43	27	218 507	66 170	230.2	13 387	3 468	286.0
5122	Drugs, drug proprietaries, and druggists' sundries	43	27	218 507	66 170	230.2	13 387	3 468	286.0
513	Apparel, piece goods, and notions	52	36	66 556	27 638	140.8	5 250	2 700	94.4
5133	Piece goods (woven fabrics)	13	6	18 639	(D)	(D)	1 085	(D)	(D)
5134	Notions and other dry goods	5	8	(D)	10 224	(D)	(D)	1 146	(D)
5136	Men's and boys' clothing and furnishings	14	11	25 386	9 939	155.4	1 925	675	185.2
5137	Women's, children's and infants' clothing and accessories	16	8	(D)	4 984	(D)	(D)	582	(D)
5139	Footwear	4	3	2 288	(D)	(D)	170	(D)	(D)
514	Groceries and related products	499	419	3 247 503	1 865 805	74.1	169 452	80 782	109.8
5141	Groceries, general line	56	36	897 557	359 276	149.8	44 715	16 884	164.8
5142	Frozen foods	36	25	226 381	120 513	87.8	12 053	4 038	198.5
5143	Dairy products	32	35	255 020	186 369	36.8	6 261	6 554	-4.5
5144	Poultry and poultry products	13	16	57 416	45 038	27.5	2 555	1 656	54.3
5145	Confectionery	28	20	50 860	(D)	(D)	6 588	(D)	(D)
5146	Fish and seafoods	10	3	11 758	(D)	(D)	710	(D)	(D)
5147	Meats and meat products	53	42	460 446	149 956	207.1	12 543	7 388	69.8
5148	Fresh fruits and vegetables	141	140	642 105	526 479	22.0	30 049	20 519	46.4
5149	Groceries and related products, n.e.c.	130	102	645 960	443 807	45.5	53 978	22 119	144.0
515	Farm-product raw materials	44	56	415 695	404 561	2.8	7 173	4 908	46.1
5152	Cotton	8	7	146 662	119 759	22.5	1 363	406	235.7
5153	Grain	19	17	110 294	127 891	-13.8	3 819	1 915	99.4
5154	Livestock	14	23	(D)	99 344	(D)	(D)	1 276	(D)
5159	Farm-product raw materials, n.e.c.	3	9	(D)	57 567	(D)	(D)	1 311	(D)
516	Chemicals and allied products	104	54	343 312	64 148	435.2	17 712	5 330	232.3
5161	Chemicals and allied products	104	54	343 312	64 148	435.2	17 712	5 330	232.3
517	Petroleum and petroleum products	144	183	1 712 280	824 457	107.7	20 636	14 217	45.2
5171	Petroleum bulk stations and terminals	95	147	1 486 608	684 387	(NC)	14 131	9 779	(NC)
5172	Petroleum and petroleum products, except bulk stations and terminals	49	36	225 672	140 070	(NC)	6 505	4 438	(NC)
518	Beer, wine and distilled alcoholic beverages	74	77	546 274	281 577	94.0	39 569	19 438	103.6
5181	Beer and ale	41	45	292 083	(D)	(D)	21 700	(D)	(D)
5182	Wines and distilled alcoholic beverages	33	32	254 191	(D)	(D)	17 869	(D)	(D)
519	Miscellaneous nondurable goods	376	329	518 347	276 078	87.8	38 877	22 897	69.8
5191	Farm supplies	149	162	197 120	152 959	28.9	14 339	10 980	30.6
5194	Tobacco and tobacco products	10	8	91 642	29 873	206.8	2 947	1 309	125.1
5198	Paints, varnishes, and supplies	42	29	31 941	22 030	45.0	4 088	2 569	59.1
5199	Nondurable goods, n.e.c.	175	130	197 644	71 216	177.5	17 503	8 039	117.7
	Merchant wholesalers	3 721	2 877	8 340 419	4 426 308	88.4	702 759	356 819	97.0
50	Durable goods	2 562	1 934	3 870 207	2 289 249	69.1	443 706	234 813	89.0
501	Motor vehicles and automotive parts and supplies	471	420	648 378	(D)	(D)	73 654	(D)	(D)
5012	Automobiles and other motor vehicles	62	45	(D)	(D)	(D)	(D)	(D)	(D)
5013	Automotive parts and supplies	363	316	(D)	236 933	(D)	(D)	30 867	(D)
5014	Tires and tubes	46	59	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	127	74	163 113	75 625	115.7	19 088	8 120	135.1
5021	Furniture	50	27	63 316	(D)	(D)	7 958	(D)	(D)
5023	Home furnishings	77	47	99 797	(D)	(D)	11 130	(D)	(D)
503	Lumber and other construction materials	207	141	439 998	(D)	(D)	42 461	(D)	(D)
5031	Lumber, plywood and millwork	66	50	268 674	(D)	(D)	22 413	(D)	(D)
5039	Construction materials, n.e.c.	141	91	171 324	(D)	(D)	20 048	(D)	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	81	51	68 521	39 194	74.8	6 749	2 895	133.1
5041	Sporting and recreational goods and supplies	47	25	33 155	(D)	(D)	3 229	(D)	(D)
5042	Toys and hobby goods and supplies	22	19	(D)	(D)	(D)	(D)	(D)	(D)
5043	Photographic equipment and supplies	12	7	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	57	50	156 106	98 305	58.8	12 612	7 266	73.6
5051	Metals service centers and offices	53	48	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	4	2	(D)	(D)	(D)	(D)	(D)	(D)

Table 2. Comparative Statistics for the State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982
	Merchant wholesalers—Con.								
50	Durable goods—Con.								
506	Electrical goods	291	201	587 769	348 770	68.5	53 328	25 948	105.5
5063	Electrical apparatus and equipment	134	108	223 984	202 513	10.6	22 645	13 609	66.4
5064	Electrical appliances, television and radio sets	34	34	136 935	83 078	64.8	10 470	5 789	80.9
5065	Electronic parts and equipment	123	59	226 850	63 179	259.1	20 213	6 550	208.6
507	Hardware, and plumbing and heating equipment and supplies	233	171	391 901	210 086	86.5	41 122	20 554	100.1
5072	Hardware	65	51	(D)	(D)	(D)	(D)	(D)	(D)
5074	Plumbing and heating equipment and supplies (hydronics)	100	67	174 722	(D)	(D)	17 738	(D)	(D)
5075	Warm air heating and air conditioning equipment and supplies	40	34	81 425	39 263	107.4	7 149	3 748	90.7
5078	Refrigeration equipment and supplies	28	19	(D)	(D)	(D)	(D)	(D)	(D)
508	Machinery, equipment, and supplies	890	672	1 259 442	744 493	69.2	176 254	93 758	88.0
5081	Commercial machines and equipment	207	138	252 032	90 002	180.0	37 299	15 408	142.1
5082	Construction and mining machinery and equipment	80	77	228 338	194 665	17.3	35 152	21 341	64.7
5083	Farm and garden machinery and equipment	80	80	161 633	112 055	44.2	18 771	10 886	72.4
5084	Industrial machinery and equipment	170	107	219 320	119 083	84.2	34 677	18 060	92.0
5085	Industrial supplies	120	99	143 113	77 694	84.2	16 160	9 556	69.1
5086	Professional equipment and supplies	128	81	157 789	83 224	89.6	19 260	10 263	87.7
5087	Service establishment equipment and supplies	82	75	(D)	40 399	(D)	(D)	6 105	(D)
5088	Transportation equipment and supplies, except motor vehicles	23	15	(D)	27 371	(D)	(D)	2 139	(D)
509	Miscellaneous durable goods	205	154	154 979	113 193	36.9	18 438	11 099	66.1
5093	Scrap and waste materials	97	60	(D)	(D)	(D)	(D)	(D)	(D)
5094	Jewelry, watches, diamonds and other precious stones	53	53	(D)	(D)	(D)	(D)	(D)	(D)
5099	Durable goods, n.e.c.	55	41	(D)	35 690	(D)	(D)	3 006	(D)
51	Nondurable goods	1 159	943	4 470 212	2 137 059	109.2	259 053	122 006	112.3
511	Paper and paper products	125	80	215 580	93 201	131.3	22 393	10 005	123.8
5111	Printing and writing paper	16	10	83 727	(D)	(D)	6 538	(D)	(D)
5112	Stationery supplies	74	48	71 862	(D)	(D)	10 785	(D)	(D)
5113	Industrial and personal service paper	35	22	59 991	27 567	117.6	5 070	2 568	97.4
512	Drugs, drug proprietaries and druggists' sundries	35	24	(D)	(D)	(D)	(D)	(D)	(D)
5122	Drugs, drug proprietaries, and druggists' sundries	35	24	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	41	30	45 408	(D)	(D)	4 457	(D)	(D)
5133	Piece goods (woven fabrics)	12	6	(D)	(D)	(D)	(D)	(D)	(D)
5134	Notions and other dry goods	5	6	(D)	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	11	8	(D)	8 503	(D)	(D)	607	(D)
5137	Women's, children's and infants' clothing and accessories	10	7	(D)	(D)	(D)	(D)	(D)	(D)
5139	Footwear	3	3	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	330	274	1 974 232	882 457	123.7	111 150	52 236	112.8
5141	Groceries, general line	49	30	(D)	(D)	(D)	(D)	(D)	(D)
5142	Frozen foods	25	13	192 062	49 594	287.3	10 823	2 957	266.0
5143	Dairy products	24	25	196 401	(D)	(D)	4 944	(D)	(D)
5144	Poultry and poultry products	11	11	(D)	23 422	(D)	(D)	1 187	(D)
5145	Confectionery	20	14	(D)	21 956	(D)	(D)	904	(D)
5146	Fish and seafoods	9	2	(D)	(D)	(D)	(D)	(D)	(D)
5147	Meats and meat products	40	30	267 877	88 324	203.3	9 056	5 310	70.5
5148	Fresh fruits and vegetables	74	91	253 492	212 816	19.1	20 579	14 759	39.4
5149	Groceries and related products, n.e.c.	78	58	(D)	165 059	(D)	(D)	10 067	(D)
515	Farm-product raw materials	36	43	308 075	313 693	-1.8	6 313	4 154	52.0
5152	Cotton	6	5	(D)	(D)	(D)	(D)	(D)	(D)
5153	Grain	18	15	(D)	(D)	(D)	(D)	(D)	(D)
5154	Livestock	10	16	(D)	43 784	(D)	(D)	673	(D)
5159	Farm-product raw materials, n.e.c.	2	7	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	80	42	128 657	41 426	210.6	13 531	3 843	252.1
5161	Chemicals and allied products	80	42	128 657	41 426	210.6	13 531	3 843	252.1
517	Petroleum and petroleum products	103	97	621 204	249 291	149.2	15 143	8 763	72.8
5171	Petroleum bulk stations and terminals	62	67	413 609	(D)	(NC)	8 942	(D)	(NC)
5172	Petroleum and petroleum products, except bulk stations and terminals	41	30	207 595	(D)	(NC)	6 201	(D)	(NC)
518	Beer, wine and distilled alcoholic beverages	73	73	(D)	255 913	(D)	(D)	18 519	(D)
5181	Beer and ale	41	43	292 083	(D)	(D)	21 700	(D)	(D)
5182	Wines and distilled alcoholic beverages	32	30	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	336	280	441 045	215 137	105.0	34 053	18 539	83.7
5191	Farm supplies	144	142	(D)	127 410	(D)	(D)	9 446	(D)
5194	Tobacco and tobacco products	9	8	(D)	29 873	(D)	(D)	1 309	(D)
5198	Paints, varnishes, and supplies	32	18	15 333	7 922	93.5	2 101	1 032	103.6
5199	Nondurable goods, n.e.c.	151	112	150 103	49 932	200.6	15 411	6 752	128.2
	Manufacturers' sales branches and sales offices	382	389	3 902 446	2 639 635	47.8	160 963	91 102	76.7
50	Durable goods	236	190	2 088 731	1 563 935	33.6	103 963	61 095	70.2
501	Motor vehicles and automotive parts and supplies	18	14	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	7	11	(D)	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials	25	21	(D)	(D)	(D)	(D)	(D)	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	5	1	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	9	9	265 287	75 542	251.2	9 952	1 391	615.5

Table 2. Comparative Statistics for the State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982
	Manufacturers' sales branches and sales offices—Con.								
50	Durable goods—Con.								
506	Electrical goods	50	43	345 705	226 197	52.8	14 524	6 942	109.2
507	Hardware, and plumbing and heating equipment and supplies	18	15	82 811	59 173	39.9	5 912	3 364	75.7
508	Machinery, equipment, and supplies	103	76	478 036	327 307	46.1	59 573	40 819	45.9
509	Miscellaneous durable goods	1	-	(D)	-	(D)	(D)	-	(D)
51	Nondurable goods	146	199	1 813 715	1 075 700	68.6	57 000	30 007	90.0
511	Paper and paper products	12	17	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	3	2	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	3	2	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	59	50	431 332	392 634	9.9	40 501	17 111	136.7
515	Farm-product raw materials	-	-	-	-	-	-	-	-
516	Chemicals and allied products	17	10	201 403	(D)	(D)	3 695	(D)	(D)
517	Petroleum and petroleum products	30	79	1 063 392	566 504	87.7	4 934	5 324	-7.3
518	Beer, wine and distilled alcoholic beverages	1	1	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	21	38	57 969	51 745	12.0	3 999	3 970	.7
	Agents, brokers, and commission merchants	452	321	1 684 960	1 025 905	64.2	42 583	22 992	85.2
50	Durable goods	278	183	628 608	309 499	103.1	20 880	9 259	125.5
501	Motor vehicles and automotive parts and supplies	14	7	(D)	13 357	(D)	(D)	312	(D)
502	Furniture and home furnishings	24	17	(D)	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials	14	9	(D)	24 456	(D)	(D)	696	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	4	5	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	8	5	9 669	8 780	10.1	371	246	50.8
506	Electrical goods	94	70	317 886	115 746	174.6	8 951	3 046	193.9
507	Hardware, and plumbing and heating equipment and supplies	33	19	42 496	45 650	-6.9	2 149	1 000	114.9
508	Machinery, equipment, and supplies	63	42	87 541	69 042	26.8	4 327	2 658	62.8
509	Miscellaneous durable goods	24	9	(D)	9 272	(D)	(D)	340	(D)
51	Nondurable goods	174	138	1 056 352	716 406	47.5	21 703	13 733	58.0
511	Paper and paper products	6	2	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	5	1	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	8	4	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	110	95	841 939	590 714	42.5	17 801	11 435	55.7
515	Farm-product raw materials	8	13	107 620	90 868	18.4	860	754	14.1
516	Chemicals and allied products	7	2	13 252	(D)	(D)	486	(D)	(D)
517	Petroleum and petroleum products	11	7	27 684	8 662	219.6	559	130	330.0
518	Beer, wine and distilled alcoholic beverages	-	3	-	(D)	(D)	-	(D)	(D)
519	Miscellaneous nondurable goods	19	11	19 333	9 196	110.2	825	388	112.6

Table 3. Selected Ratios for the State: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per establishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per establishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
	Wholesale trade	3 057 700	265 793	17 296	49.6	12	13.1	7.8
50	Durable goods	2 141 595	200 981	17 346	50.8	11	17.0	11.7
501	Motor vehicles and automotive parts and supplies	2 778 233	253 990	14 882	53.3	11	11.0	8.3
5012	Automobiles and other motor vehicles	12 257 000	840 343	15 094	54.6	15	3.3	3.4
5013	Automotive parts and supplies	1 099 475	110 557	14 388	53.0	10	24.6	17.3
5014	Tires and tubes	2 318 481	174 221	17 276	53.0	13	18.7	12.3
502	Furniture and home furnishings	1 260 513	136 132	14 257	48.2	9	21.7	9.0
5021	Furniture	1 161 127	133 244	15 306	46.8	9	24.5	8.2
5023	Home furnishings	1 326 421	137 867	13 627	49.2	10	20.1	9.4
503	Lumber and other construction materials	2 674 829	213 431	15 875	45.4	13	16.4	10.0
5031	Lumber, plywood and millwork	4 396 699	226 187	16 773	48.1	19	15.4	9.5
5039	Construction materials, n.e.c.	1 948 260	202 553	15 110	43.1	10	17.3	10.6
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	1 084 667	184 537	14 682	46.4	6	17.2	15.0
5041	Sporting and recreational goods and supplies	887 706	163 440	12 733	46.0	5	16.9	16.2
5042	Toys and hobby goods and supplies	1 039 435	181 114	16 000	42.6	6	20.7	14.7
5043	Photographic equipment and supplies	1 777 500	237 000	17 733	51.6	8	14.5	13.4
505	Metals and minerals, except petroleum	5 825 162	349 604	18 601	46.1	17	11.6	7.9
5051	Metals service centers and offices	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	2 876 690	319 387	19 603	47.4	9	13.0	7.6
5063	Electrical apparatus and equipment	2 769 916	295 998	18 980	54.5	9	11.8	6.0
5064	Electrical appliances, television and radio sets	4 983 872	323 539	17 847	42.1	15	13.1	10.2
5065	Electronic parts and equipment	2 478 960	346 634	21 282	43.4	7	14.1	8.0

See footnotes at end of table.

Table 3. **Selected Ratios for the State: 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per establishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per establishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
	Wholesale trade—Con.							
50	Durable goods—Con.							
507	Hardware, and plumbing and heating equipment and supplies	1 821 155	178 656	16 989	46.8	10	20.3	16.0
5072	Hardware	1 643 038	149 367	16 409	51.1	11	21.5	18.1
5074	Plumbing and heating equipment and supplies (hydronics)	1 765 701	170 733	15 640	46.2	10	19.8	14.2
5075	Warm air heating and air conditioning equipment and supplies	2 579 035	252 586	20 419	43.1	10	18.7	16.5
5078	Refrigeration equipment and supplies	1 072 433	144 274	17 646	47.5	7	25.8	17.2
508	Machinery, equipment, and supplies	1 728 238	146 553	19 285	55.1	12	23.9	17.7
5081	Commercial machines and equipment	2 495 133	160 077	21 405	59.3	16	22.5	9.1
5082	Construction and mining machinery and equipment	2 718 868	137 378	20 273	54.2	20	27.2	35.7
5083	Farm and garden machinery and equipment	1 905 505	147 075	17 051	55.6	13	20.9	42.4
5084	Industrial machinery and equipment	1 351 144	145 053	20 106	53.0	9	26.1	12.3
5085	Industrial supplies	1 190 066	152 544	16 294	50.6	8	21.1	15.3
5086	Professional equipment and supplies	1 307 252	149 662	17 644	51.7	9	22.8	10.3
5087	Service establishment equipment and supplies	860 907	89 961	14 351	51.4	10	31.0	15.4
5088	Transportation equipment and supplies, except motor vehicles	1 023 440	143 742	18 258	50.2	7	25.3	33.1
509	Miscellaneous durable goods	915 900	123 843	11 772	44.5	7	21.4	11.6
5093	Scrap and waste materials	712 891	78 605	10 463	42.7	9	31.2	14.6
5094	Jewelry, watches, diamonds and other precious stones	1 356 086	233 392	15 258	42.8	6	15.3	10.9
5099	Durable goods, n.e.c.	845 099	133 933	11 826	50.1	6	17.6	8.8
51	Nondurable goods	4 963 001	374 046	17 211	47.8	13	9.6	4.2
511	Paper and paper products	1 900 734	179 409	16 964	52.4	11	18.0	9.3
5111	Printing and writing paper	4 299 750	268 734	21 813	53.7	16	15.1	9.8
5112	Stationery supplies	1 099 835	107 952	15 225	55.5	10	25.4	11.4
5113	Industrial and personal service paper	2 429 579	280 620	16 824	45.3	9	13.2	6.6
512	Drugs, drug proprietaries and druggists' sundries	5 081 558	279 064	17 097	45.4	18	13.5	12.1
5122	Drugs, drug proprietaries, and druggists' sundries	5 081 558	279 064	17 097	45.4	18	13.5	12.1
513	Apparel, piece goods, and notions	1 279 923	161 153	12 712	40.4	8	19.5	11.5
5133	Piece goods (woven fabrics)	1 433 769	245 250	14 276	45.7	6	12.7	6.1
5134	Notions and other dry goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	1 813 286	139 484	10 577	44.7	13	17.0	16.7
5137	Women's, children's and infants' clothing and accessories	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5139	Footwear	572 000	208 000	15 455	47.0	3	15.8	7.2
514	Groceries and related products	6 508 022	351 690	18 351	50.7	19	10.3	3.0
5141	Groceries, general line	16 027 804	547 959	27 299	59.1	29	8.4	4.9
5142	Frozen foods	6 288 361	324 328	17 268	50.2	19	10.6	3.9
5143	Dairy products	7 969 375	765 826	18 802	50.7	10	4.8	1.6
5144	Poultry and poultry products	4 416 615	274 718	12 225	51.9	16	8.6	2.4
5145	Confectionery	1 816 429	171 824	22 257	42.8	11	30.3	7.3
5146	Fish and seafoods	1 175 800	267 227	16 136	54.4	4	11.1	2.6
5147	Meats and meat products	8 687 660	611 482	16 657	42.8	14	6.4	2.6
5148	Fresh fruits and vegetables	4 553 936	265 882	12 443	47.1	17	9.9	.4
5149	Groceries and related products, n.e.c.	4 968 923	226 812	18 953	50.2	22	16.7	3.1
515	Farm-product raw materials	9 447 614	746 311	12 878	44.2	13	3.9	5.1
5152	Cotton	18 332 750	3 333 227	30 977	58.4	6	1.6	4.3
5153	Grain	5 804 947	510 620	17 681	46.7	11	7.4	12.7
5154	Livestock	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	3 301 077	359 489	18 547	45.5	9	11.3	2.9
5161	Chemicals and allied products	3 301 077	359 489	18 547	45.5	9	11.3	2.9
517	Petroleum and petroleum products	11 890 833	1 304 097	15 717	39.9	9	3.0	2.2
5171	Petroleum bulk stations and terminals	15 648 505	1 765 568	16 783	39.7	9	2.4	2.2
5172	Petroleum and petroleum products, except bulk stations and terminals	4 605 551	479 134	13 811	40.5	10	7.1	2.4
518	Beer, wine and distilled alcoholic beverages	7 382 081	272 184	19 715	47.1	27	15.4	7.3
5181	Beer and ale	7 123 976	255 989	19 018	43.1	28	17.3	4.7
5182	Wines and distilled alcoholic beverages	7 702 758	293 523	20 634	53.2	26	13.2	10.2
519	Miscellaneous nondurable goods	1 378 582	182 068	13 655	43.0	8	17.4	8.8
5191	Farm supplies	1 322 953	205 120	14 921	44.2	6	16.5	12.5
5194	Tobacco and tobacco products	9 164 200	398 443	12 813	51.2	23	6.3	3.2
5198	Paints, varnishes, and supplies	760 500	117 000	14 974	49.1	7	26.0	11.4
5199	Nondurable goods, n.e.c.	1 129 394	142 910	12 656	39.9	8	22.2	7.3
	Merchant wholesalers	2 241 446	194 017	16 348	48.9	12	17.2	11.2
50	Durable goods	1 510 619	140 868	16 150	49.6	11	23.1	17.2
501	Motor vehicles and automotive parts and supplies	1 376 599	126 909	14 417	52.6	11	21.6	17.0
5012	Automobiles and other motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5013	Automotive parts and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5014	Tires and tubes	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	1 284 354	120 914	14 150	47.8	11	24.5	10.7
5021	Furniture	1 266 320	120 373	15 129	46.7	11	26.9	9.5
5023	Home furnishings	1 296 065	121 260	13 524	48.6	11	23.0	11.5
503	Lumber and other construction materials	2 125 594	160 583	15 497	46.6	13	20.7	9.9
5031	Lumber, plywood and millwork	4 070 818	197 991	16 517	48.8	21	17.1	9.7
5039	Construction materials, n.e.c.	1 215 064	123 879	14 496	44.3	10	26.4	10.3

See footnotes at end of table.

Table 3. Selected Ratios for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per establishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per establishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
	Merchant wholesalers—Con.							
50	Durable goods—Con.							
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	845 938	143 952	14 179	46.8	6	21.0	19.9
5041	Sporting and recreational goods and supplies	705 426	129 512	12 613	48.3	5	20.2	20.2
5042	Toys and hobby goods and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5043	Photographic equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	2 738 702	218 025	17 615	41.9	13	19.3	12.7
5051	Metals service centers and offices	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	2 019 825	198 169	17 980	45.3	10	20.0	15.2
5063	Electrical apparatus and equipment	1 671 522	172 961	17 486	53.7	10	18.8	12.7
5064	Electrical appliances, television and radio sets	4 027 500	226 339	17 306	44.0	18	17.4	16.8
5065	Electronic parts and equipment	1 844 309	212 805	18 962	39.0	9	22.8	16.7
507	Hardware, and plumbing and heating equipment and supplies	1 681 979	154 902	16 254	46.9	11	22.4	19.2
5072	Hardware	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5074	Plumbing and heating equipment and supplies (hydronics)	1 747 220	153 265	15 560	46.0	11	22.0	16.2
5075	Warm air heating and air conditioning equipment and supplies	2 035 625	211 494	18 569	43.0	10	20.4	23.3
5078	Refrigeration equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
508	Machinery, equipment, and supplies	1 415 103	126 045	17 640	52.9	11	26.4	21.6
5081	Commercial machines and equipment	1 217 546	111 174	16 453	53.6	11	27.6	9.9
5082	Construction and mining machinery and equipment	2 854 225	131 153	20 191	54.1	22	28.5	36.9
5083	Farm and garden machinery and equipment	2 020 413	143 930	16 715	54.9	14	21.2	41.7
5084	Industrial machinery and equipment	1 290 118	124 684	19 714	53.5	10	29.6	15.1
5085	Industrial supplies	1 192 608	140 583	15 874	50.1	8	22.5	17.1
5086	Professional equipment and supplies	1 232 727	144 628	17 654	50.9	9	24.0	11.4
5087	Service establishment equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5088	Transportation equipment and supplies, except motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	755 995	97 105	11 553	44.8	8	26.6	15.4
5093	Scrap and waste materials	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5094	Jewelry, watches, diamonds and other precious stones	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5099	Durable goods, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	3 856 956	288 141	16 698	47.9	13	12.1	6.1
511	Paper and paper products	1 724 640	156 444	16 250	51.5	11	20.2	11.6
5111	Printing and writing paper	5 232 938	274 515	21 436	53.7	19	14.6	10.1
5112	Stationery supplies	971 108	93 206	13 988	53.7	10	27.9	14.6
5113	Industrial and personal service paper	1 714 029	198 646	16 788	45.2	9	18.7	9.9
512	Drugs, drug proprietaries and druggists' sundries	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5122	Drugs, drug proprietaries, and druggists' sundries	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions	1 107 512	123 057	12 079	39.0	9	25.2	14.5
5133	Piece goods (woven fabrics)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5134	Notions and other dry goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5136	Men's and boys' clothing and furnishings	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5139	Footwear	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	5 982 521	318 014	17 904	51.3	19	11.0	4.5
5141	Groceries, general line	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5142	Frozen foods	7 682 480	312 296	17 598	50.2	25	11.2	4.5
5143	Dairy products	8 183 375	711 598	17 913	49.5	12	5.1	2.0
5144	Poultry and poultry products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5145	Confectionery	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5146	Fish and seafoods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5147	Meats and meat products	6 696 925	460 270	15 560	41.5	15	8.1	3.6
5148	Fresh fruits and vegetables	3 425 568	136 359	11 070	49.4	25	16.4	1.0
5149	Groceries and related products, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
515	Farm-product raw materials	8 557 639	730 036	14 960	44.1	12	4.6	6.9
5152	Cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5153	Grain	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5154	Livestock	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	1 608 213	167 304	17 596	44.6	10	23.6	7.4
5161	Chemicals and allied products	1 608 213	167 304	17 596	44.6	10	23.6	7.4
517	Petroleum and petroleum products	6 031 107	587 149	14 313	43.8	10	5.6	1.9
5171	Petroleum bulk stations and terminals	6 671 113	675 832	14 611	46.1	10	4.7	1.7
5172	Petroleum and petroleum products, except bulk stations and terminals	5 063 293	465 460	13 904	40.8	11	7.3	2.4
518	Beer, wine and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5181	Beer and ale	7 123 976	255 989	19 018	43.1	28	17.3	4.7
5182	Wines and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	1 312 634	172 620	13 328	42.3	8	18.3	9.6
5191	Farm supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5194	Tobacco and tobacco products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5198	Paints, varnishes, and supplies	479 156	97 044	13 297	50.0	5	27.4	11.7
5199	Nondurable goods, n.e.c.	994 060	120 371	12 358	38.5	8	26.7	9.5

See footnotes at end of table.

Table 3. Selected Ratios for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per establishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per establishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
	Manufacturers' sales branches and sales offices -----	10 215 827	558 290	23 028	53.3	18	7.7	3.7
50	Durable goods -----	8 850 555	488 821	24 330	57.2	18	8.7	5.0
501	Motor vehicles and automotive parts and supplies-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum-----	29 476 333	532 705	19 984	52.3	55	7.2	5.3
506	Electrical goods-----	6 914 100	608 636	25 570	55.8	11	7.5	1.0
507	Hardware, and plumbing and heating equipment and supplies-----	4 600 611	331 244	23 648	44.4	14	16.1	9.1
508	Machinery, equipment, and supplies-----	4 641 126	211 802	26 395	63.2	22	19.7	10.4
509	Miscellaneous durable goods-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods -----	12 422 705	667 543	20 979	47.3	19	6.6	2.2
511	Paper and paper products-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products-----	7 310 712	217 844	20 455	50.3	34	18.7	2.0
515	Farm-product raw materials-----	-	-	-	-	-	-	-
516	Chemicals and allied products-----	11 847 235	1 299 374	23 839	50.4	9	3.6	.3
517	Petroleum and petroleum products-----	35 446 400	5 316 960	24 670	31.6	7	1.5	2.5
518	Beer, wine and distilled alcoholic beverages-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods-----	2 760 429	257 640	17 773	49.2	11	14.0	6.0
	Agents, brokers, and commission merchants -----	3 727 788	695 402	17 574	48.3	5	5.2	.2
50	Durable goods -----	2 261 180	610 299	20 272	49.3	4	6.7	.5
501	Motor vehicles and automotive parts and supplies-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
503	Lumber and other construction materials-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum-----	1 208 625	508 895	19 526	53.3	2	7.2	.1
506	Electrical goods-----	3 381 766	827 828	23 310	48.9	4	5.8	.6
507	Hardware, and plumbing and heating equipment and supplies-----	1 287 758	369 530	18 687	53.3	3	9.5	.3
508	Machinery, equipment, and supplies-----	1 389 540	429 123	21 211	50.2	3	9.8	.8
509	Miscellaneous durable goods-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods -----	6 070 989	758 329	15 580	47.4	8	4.3	.1
511	Paper and paper products-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
513	Apparel, piece goods, and notions-----	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products-----	7 653 991	804 913	17 018	47.9	10	4.4	-
515	Farm-product raw materials-----	13 452 500	797 185	6 370	44.4	17	1.8	-
516	Chemicals and allied products-----	1 893 143	427 484	15 677	39.5	4	9.3	.4
517	Petroleum and petroleum products-----	2 516 727	503 345	10 164	37.7	5	5.3	.4
518	Beer, wine and distilled alcoholic beverages-----	-	-	-	-	-	-	-
519	Miscellaneous nondurable goods-----	1 017 526	288 552	12 313	48.0	4	8.9	.2

¹Based on number of employees for pay period including March 12.

Table 4. Summary Statistics for Standard Metropolitan Statistical Areas: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's, see appendix D]

SIC code	Geographic area and kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
	PHOENIX SMSA										
	Wholesale trade	3 083	10 911 146	692 250	38 662	2 462	6 479 768	537 601	31 672	621	4 431 378
50	Durable goods	2 215	5 392 031	447 655	25 146	1 771	3 029 239	340 821	20 590	444	2 362 792
501	Motor vehicles and automotive parts and supplies	314	1 235 767	61 864	3 958	288	495 637	54 447	3 610	26	740 130
5012	Automobiles and other motor vehicles	52	(D)	(D)	(D)	45	(D)	(D)	(D)	7	(D)
5013	Automotive parts and supplies	230	316 538	39 928	2 714	214	(D)	(D)	(D)	16	(D)
5014	Tires and tubes	32	(D)	(D)	(D)	29	(D)	(D)	(D)	3	(D)
502	Furniture and home furnishings	132	186 397	19 300	1 310	103	(D)	(D)	(D)	29	(D)
5021	Furniture	52	66 161	7 553	465	39	56 326	7 108	442	13	9 835
5023	Home furnishings	80	120 236	11 747	845	64	(D)	(D)	(D)	16	(D)
503	Lumber and other construction materials	179	539 965	36 398	2 309	144	(D)	(D)	(D)	35	(D)
5031	Lumber, plywood and millwork	56	254 911	18 673	1 133	50	(D)	(D)	(D)	6	(D)
5039	Construction materials, n.e.c.	123	285 054	17 725	1 176	94	(D)	(D)	(D)	29	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	68	73 089	5 981	369	60	(D)	(D)	(D)	8	(D)
5041	Sporting and recreational goods and supplies	35	23 524	1 871	131	32	(D)	(D)	(D)	3	(D)
5042	Toys and hobby goods and supplies	18	(D)	(D)	(D)	17	17 618	1 871	117	1	(D)
5043	Photographic equipment and supplies	15	(D)	(D)	(D)	11	(D)	(D)	(D)	4	(D)
505	Metals and minerals, except petroleum	63	(D)	(D)	(D)	49	(D)	(D)	(D)	14	(D)
5051	Metals service centers and offices	60	(D)	(D)	(D)	46	(D)	(D)	(D)	14	(D)
5052	Coal and other minerals and ores	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
506	Electrical goods	344	1 086 207	63 480	3 201	216	469 170	42 253	2 354	128	617 037
5063	Electrical apparatus and equipment	137	413 369	25 936	1 332	91	153 507	16 358	928	46	259 862
5064	Electrical appliances, television and radio sets	36	219 552	11 424	664	24	(D)	(D)	(D)	12	(D)
5065	Electronic parts and equipment	171	453 286	26 120	1 205	101	(D)	(D)	(D)	70	(D)
507	Hardware, and plumbing and heating equipment and supplies	213	430 421	39 740	2 233	165	(D)	(D)	(D)	48	(D)
5072	Hardware	68	120 126	12 778	759	54	(D)	(D)	(D)	14	(D)
5074	Plumbing and heating equipment and supplies (hydronics)	80	152 057	13 205	811	63	120 192	12 019	741	17	31 865
5075	Warm air heating and air conditioning equipment and supplies	45	132 851	10 764	517	30	(D)	(D)	(D)	15	(D)
5078	Refrigeration equipment and supplies	20	25 387	2 993	146	18	(D)	(D)	(D)	2	(D)
508	Machinery, equipment, and supplies	748	1 460 098	188 901	9 471	609	958 189	133 496	7 347	139	501 909
5081	Commercial machines and equipment	188	587 416	74 247	3 321	139	216 108	29 495	1 721	49	371 308
5082	Construction and mining machinery and equipment	57	166 282	25 982	1 283	49	149 204	24 801	1 232	8	17 078
5083	Farm and garden machinery and equipment	48	94 658	11 238	642	41	(D)	(D)	(D)	7	(D)
5084	Industrial machinery and equipment	164	230 620	32 028	1 565	126	176 507	27 935	1 373	38	54 113
5085	Industrial supplies	91	124 699	13 509	808	76	(D)	(D)	(D)	15	(D)
5086	Professional equipment and supplies	118	175 408	19 783	1 072	101	(D)	(D)	(D)	17	(D)
5087	Service establishment equipment and supplies	62	57 589	9 231	631	58	(D)	(D)	(D)	4	(D)
5088	Transportation equipment and supplies, except motor vehicles	20	23 426	2 883	149	19	(D)	(D)	(D)	1	(D)
509	Miscellaneous durable goods	154	(D)	(D)	(D)	137	119 885	14 841	1 278	17	(D)
5093	Scrap and waste materials	65	60 208	7 814	729	62	(D)	(D)	(D)	3	(D)
5094	Jewelry, watches, diamonds and other precious stones	38	65 960	3 760	245	35	(D)	(D)	(D)	3	(D)
5099	Durable goods, n.e.c.	51	(D)	(D)	(D)	40	32 869	4 090	363	11	(D)
51	Nondurable goods	868	5 519 115	244 595	13 516	691	3 450 529	196 780	11 082	177	2 068 586
511	Paper and paper products	104	230 658	21 019	1 206	91	(D)	(D)	(D)	13	(D)
5111	Printing and writing paper	16	(D)	(D)	(D)	14	(D)	(D)	(D)	2	(D)
5112	Stationery supplies	59	76 510	10 548	661	51	(D)	(D)	(D)	8	(D)
5113	Industrial and personal service paper	29	(D)	(D)	(D)	26	(D)	(D)	(D)	3	32 333
512	Drugs, drug proprietaries and druggists' sundries	40	(D)	(D)	(D)	34	201 451	12 421	735	6	(D)
5122	Drugs, drug proprietaries, and druggists' sundries	40	(D)	(D)	(D)	34	201 451	12 421	735	6	(D)
513	Apparel, piece goods, and notions	45	60 638	4 562	360	35	(D)	(D)	(D)	10	(D)
5133	Piece goods (woven fabrics)	12	(D)	(D)	(D)	11	5 382	629	57	1	(D)
5134	Notions and other dry goods	4	(D)	(D)	(D)	4	(D)	(D)	(D)	-	-
5136	Men's and boys' clothing and furnishings	12	(D)	(D)	(D)	9	(D)	(D)	(D)	3	(D)
5137	Women's, children's and infants' clothing and accessories	13	17 245	1 679	101	8	(D)	(D)	(D)	5	(D)
5139	Footwear	4	2 288	170	11	3	(D)	(D)	(D)	1	(D)
514	Groceries and related products	272	2 489 663	124 651	6 570	189	1 663 822	92 857	4 913	83	825 841
5141	Groceries, general line	30	863 833	42 296	1 461	23	(D)	(D)	(D)	7	(D)
5142	Frozen foods	28	165 997	9 588	581	18	(D)	(D)	(D)	10	(D)
5143	Dairy products	15	230 524	5 459	283	12	(D)	(D)	(D)	3	(D)
5144	Poultry and poultry products	8	42 396	1 813	159	6	(D)	(D)	(D)	2	(D)
5145	Confectionery	17	36 704	3 926	202	11	(D)	(D)	(D)	6	(D)
5146	Fish and seafoods	5	8 307	464	23	5	8 307	464	23	-	-
5147	Meats and meat products	42	395 030	9 664	610	30	(D)	(D)	(D)	12	(D)
5148	Fresh fruits and vegetables	52	214 868	14 971	1 343	42	167 933	14 322	1 316	10	46 935
5149	Groceries and related products, n.e.c.	75	532 004	36 470	1 908	42	177 682	15 682	789	33	354 322
515	Farm-product raw materials	23	319 742	5 678	308	19	(D)	(D)	(D)	4	(D)
5152	Cotton	8	146 662	1 363	44	6	(D)	(D)	(D)	2	(D)
5153	Grain	7	(D)	(D)	(D)	7	(D)	(D)	(D)	-	-
5154	Livestock	6	(D)	(D)	(D)	5	(D)	(D)	(D)	1	(D)
5159	Farm-product raw materials, n.e.c.	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
516	Chemicals and allied products	73	303 534	12 405	618	56	101 267	9 003	464	17	202 267
5161	Chemicals and allied products	73	303 534	12 405	618	56	101 267	9 003	464	17	202 267

Table 4. Summary Statistics for Standard Metropolitan Statistical Areas: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's, see appendix D]

SIC code	Geographic area and kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
	PHOENIX SMSA—Con.										
51	Nondurable goods—Con.										
517	Petroleum and petroleum products.....	51	1 177 016	11 647	648	36	381 469	7 934	493	15	795 547
5171	Petroleum bulk stations and terminals.....	27	1 018 969	7 150	334	16	(D)	(D)	(D)	11	(D)
5172	Petroleum and petroleum products, except bulk stations and terminals.....	24	158 047	4 497	314	20	(D)	(D)	(D)	4	(D)
518	Beer, wine and distilled alcoholic beverages.....	23	366 406	23 945	1 075	22	(D)	(D)	(D)	1	(D)
5181	Beer and ale.....	11	172 005	11 104	554	11	172 005	11 104	554	-	-
5182	Wines and distilled alcoholic beverages.....	12	194 401	12 841	521	11	(D)	(D)	(D)	1	(D)
519	Miscellaneous nondurable goods.....	237	(D)	(D)	(D)	209	303 103	24 066	1 752	28	(D)
5191	Farm supplies.....	76	98 877	7 907	509	74	(D)	(D)	(D)	2	(D)
5194	Tobacco and tobacco products.....	3	68 595	2 163	163	3	68 595	2 163	163	-	-
5198	Paints, varnishes, and supplies.....	33	26 720	3 477	230	25	(D)	(D)	(D)	8	(D)
5199	Nondurable goods, n.e.c.....	125	(D)	(D)	(D)	107	123 724	12 197	950	18	(D)
	TUCSON SMSA										
	Wholesale trade.....	715	1 433 502	128 175	7 898	628	960 593	99 879	6 624	87	472 909
50	Durable goods.....	505	699 159	80 231	5 110	456	581 062	70 070	4 664	49	118 097
501	Motor vehicles and automotive parts and supplies.....	83	111 243	12 768	960	79	(D)	(D)	(D)	4	(D)
5012	Automobiles and other motor vehicles.....	13	(D)	(D)	(D)	12	(D)	(D)	(D)	1	(D)
5013	Automotive parts and supplies.....	60	(D)	(D)	(D)	58	(D)	(D)	(D)	2	(D)
5014	Tires and tubes.....	10	(D)	(D)	(D)	9	(D)	(D)	(D)	1	(D)
502	Furniture and home furnishings.....	18	10 224	1 224	121	18	10 224	1 224	121	-	-
5021	Furniture.....	9	(D)	(D)	(D)	9	(D)	(D)	(D)	-	-
5023	Home furnishings.....	9	(D)	(D)	(D)	9	(D)	(D)	(D)	-	-
503	Lumber and other construction materials.....	43	80 703	8 738	546	42	(D)	(D)	(D)	1	(D)
5031	Lumber, plywood and millwork.....	9	(D)	(D)	(D)	9	(D)	(D)	(D)	-	-
5039	Construction materials, n.e.c.....	34	(D)	(D)	(D)	33	(D)	(D)	(D)	1	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies.....	16	19 571	982	92	15	(D)	(D)	(D)	1	(D)
5041	Sporting and recreational goods and supplies.....	11	(D)	(D)	(D)	10	(D)	(D)	(D)	1	(D)
5042	Toys and hobby goods and supplies.....	4	(D)	(D)	(D)	4	(D)	(D)	(D)	-	-
5043	Photographic equipment and supplies.....	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
505	Metals and minerals, except petroleum.....	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5051	Metals service centers and offices.....	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5052	Coal and other minerals and ores.....	-	-	-	-	-	-	-	-	-	-
506	Electrical goods.....	61	126 720	9 390	527	46	(D)	(D)	(D)	15	(D)
5063	Electrical apparatus and equipment.....	40	(D)	(D)	(D)	30	(D)	(D)	(D)	10	(D)
5064	Electrical appliances, television and radio sets.....	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5065	Electronic parts and equipment.....	16	14 089	2 059	115	11	10 079	1 366	91	5	4 010
507	Hardware, and plumbing and heating equipment and supplies.....	44	61 032	6 945	485	41	(D)	(D)	(D)	3	(D)
5072	Hardware.....	11	(D)	(D)	(D)	10	(D)	(D)	(D)	1	(D)
5074	Plumbing and heating equipment and supplies (hydronics).....	19	33 579	3 957	285	19	33 579	3 957	285	-	-
5075	Warm air heating and air conditioning equipment and supplies.....	9	(D)	(D)	(D)	7	11 326	958	52	2	(D)
5078	Refrigeration equipment and supplies.....	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
508	Machinery, equipment, and supplies.....	197	254 998	36 897	2 115	177	203 875	29 753	1 820	20	51 123
5081	Commercial machines and equipment.....	55	(D)	(D)	(D)	48	(D)	(D)	(D)	7	(D)
5082	Construction and mining machinery and equipment.....	29	(D)	(D)	(D)	26	(D)	(D)	(D)	3	2 001
5083	Farm and garden machinery and equipment.....	10	18 987	1 796	110	9	(D)	(D)	(D)	1	(D)
5084	Industrial machinery and equipment.....	38	45 327	6 345	327	32	(D)	(D)	(D)	6	(D)
5085	Industrial supplies.....	27	28 965	2 679	168	27	28 965	2 679	168	-	-
5086	Professional equipment and supplies.....	18	13 127	2 392	186	16	(D)	(D)	(D)	2	(D)
5087	Service establishment equipment and supplies.....	16	(D)	(D)	(D)	16	(D)	(D)	(D)	-	-
5088	Transportation equipment and supplies, except motor vehicles.....	4	(D)	(D)	(D)	3	(D)	(D)	(D)	1	(D)
509	Miscellaneous durable goods.....	38	(D)	(D)	(D)	33	(D)	(D)	(D)	5	(D)
5093	Scrap and waste materials.....	18	(D)	(D)	(D)	17	(D)	(D)	(D)	1	(D)
5094	Jewelry, watches, diamonds and other precious stones.....	12	(D)	(D)	(D)	10	(D)	(D)	(D)	2	(D)
5099	Durable goods, n.e.c.....	8	1 627	208	22	6	(D)	(D)	(D)	2	(D)
51	Nondurable goods.....	210	734 343	47 944	2 788	172	379 531	29 809	1 960	38	354 812
511	Paper and paper products.....	23	34 176	3 617	222	20	(D)	(D)	(D)	3	(D)
5111	Printing and writing paper.....	4	(D)	(D)	(D)	2	(D)	(D)	(D)	2	(D)
5112	Stationery supplies.....	13	(D)	(D)	(D)	12	(D)	(D)	(D)	1	(D)
5113	Industrial and personal service paper.....	6	(D)	(D)	(D)	6	(D)	(D)	(D)	-	-
512	Drugs, drug proprietaries and druggists' sundries.....	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5122	Drugs, drug proprietaries, and druggists' sundries.....	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-

Table 4. Summary Statistics for Standard Metropolitan Statistical Areas: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's, see appendix D]

SIC code	Geographic area and kind of business	Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab-lish-ments (number)	Sales (\$1,000)
	TUCSON SMSA—Con.										
51	Nondurable goods—Con.										
513	Apparel, piece goods, and notions	7	(D)	(D)	(D)	6	(D)	(D)	(D)	1	(D)
5133	Piece goods (woven fabrics)	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5134	Notions and other dry goods	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5136	Men's and boys' clothing and furnishings	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
5137	Women's, children's and infants' clothing and accessories	3	(D)	(D)	(D)	2	(D)	(D)	(D)	1	(D)
5139	Footwear	-	-	-	-	-	-	-	-	-	-
514	Groceries and related products	60	203 765	23 472	1 196	46	123 258	7 877	493	14	80 507
5141	Groceries, general line	8	11 659	1 071	83	8	11 659	1 071	83	-	-
5142	Frozen foods	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
5143	Dairy products	4	11 645	345	18	1	(D)	(D)	(D)	3	(D)
5144	Poultry and poultry products	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
5145	Confectionery	6	(D)	(D)	(D)	4	(D)	(D)	(D)	2	(D)
5146	Fish and seafoods	3	(D)	(D)	(D)	2	(D)	(D)	(D)	1	(D)
5147	Meats and meat products	8	(D)	(D)	(D)	7	(D)	(D)	(D)	1	(D)
5148	Fresh fruits and vegetables	7	13 515	1 542	104	7	13 515	1 542	104	-	-
5149	Groceries and related products, n.e.c.	18	(D)	(D)	(D)	11	12 677	809	64	7	(D)
515	Farm-product raw materials	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
5152	Cotton	-	-	-	-	-	-	-	-	-	-
5153	Grain	-	-	-	-	-	-	-	-	-	-
5154	Livestock	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
5159	Farm-product raw materials, n.e.c.	-	-	-	-	-	-	-	-	-	-
516	Chemicals and allied products	24	32 322	4 956	311	20	(D)	(D)	(D)	4	(D)
5161	Chemicals and allied products	24	32 322	4 956	311	20	(D)	(D)	(D)	4	(D)
517	Petroleum and petroleum products	21	305 824	2 525	133	13	55 266	1 392	92	8	250 558
5171	Petroleum bulk stations and terminals	12	272 830	1 669	84	6	(D)	(D)	(D)	6	(D)
5172	Petroleum and petroleum products, except bulk stations and terminals	9	32 994	856	49	7	(D)	(D)	(D)	2	(D)
518	Beer, wine and distilled alcoholic beverages	12	(D)	(D)	(D)	12	(D)	(D)	(D)	-	-
5181	Beer and ale	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5182	Wines and distilled alcoholic beverages	7	35 044	2 791	203	7	35 044	2 791	203	-	-
519	Miscellaneous nondurable goods	60	49 054	4 486	378	53	(D)	(D)	(D)	7	(D)
5191	Farm supplies	18	9 144	812	76	18	9 144	812	76	-	-
5194	Tobacco and tobacco products	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
5198	Paints, varnishes, and supplies	8	(D)	(D)	(D)	6	(D)	(D)	(D)	2	(D)
5199	Nondurable goods, n.e.c.	32	(D)	(D)	(D)	28	(D)	(D)	(D)	4	(D)

Table 5. Summary Statistics for the Area Outside Standard Metropolitan Statistical Areas: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's see appendix D]

SIC code	Kind of business	Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab-lish-ments (number)	Sales (\$1,000)
	Wholesale trade	757	1 583 177	85 880	5 841	631	900 058	65 279	4 692	126	683 119
50	Durable goods	356	496 356	40 663	2 521	335	259 906	32 815	2 220	21	236 450
501	Motor vehicles and automotive parts and supplies ..	106	50 441	7 249	584	104	(D)	(D)	(D)	2	(D)
5012	Automobiles and other motor vehicles	5	3 660	246	15	5	3 660	246	15	-	-
5013	Automotive parts and supplies	91	(D)	(D)	(D)	91	(D)	(D)	(D)	-	-
5014	Tires and tubes	10	(D)	(D)	(D)	8	(D)	(D)	(D)	2	(D)
502	Furniture and home furnishings	8	2 540	334	32	6	(D)	(D)	(D)	2	(D)
5021	Furniture	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
5023	Home furnishings	6	(D)	(D)	(D)	4	1 837	220	19	2	(D)
503	Lumber and other construction materials	24	37 340	3 808	228	21	(D)	(D)	(D)	3	(D)
5031	Lumber, plywood and millwork	8	(D)	(D)	(D)	7	(D)	(D)	(D)	1	(D)
5039	Construction materials, n.e.c.	16	(D)	(D)	(D)	14	(D)	(D)	(D)	2	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	6	4 960	804	68	6	4 960	804	68	-	-
5041	Sporting and recreational goods and supplies	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5042	Toys and hobby goods and supplies	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5043	Photographic equipment and supplies	-	-	-	-	-	-	-	-	-	-
505	Metals and minerals, except petroleum	6	(D)	(D)	(D)	3	6 015	569	45	3	(D)
5051	Metals service centers and offices	4	(D)	(D)	(D)	2	(D)	(D)	(D)	2	(D)
5052	Coal and other minerals and ores	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)

Table 5. Summary Statistics for the Area Outside Standard Metropolitan Statistical Areas: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's see appendix D]

SIC code	Kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
50	Durable goods—Con.										
506	Electrical goods	30	38 433	3 933	190	29	(D)	(D)	(D)	1	(D)
5063	Electrical apparatus and equipment	13	(D)	(D)	(D)	13	(D)	(D)	(D)	-	(D)
5064	Electrical appliances, television and radio sets	6	(D)	(D)	(D)	5	(D)	(D)	(D)	1	(D)
5065	Electronic parts and equipment	11	23 459	1 956	96	11	(D)	(D)	(D)	-	(D)
507	Hardware, and plumbing and heating equipment and supplies	27	25 755	2 498	177	27	25 755	2 498	177	-	-
5072	Hardware	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5074	Plumbing and heating equipment and supplies (hydronics)	18	20 951	1 762	114	18	20 951	1 762	114	-	-
5075	Warm air heating and air conditioning equipment and supplies	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
5078	Refrigeration equipment and supplies	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
508	Machinery, equipment, and supplies	111	109 923	14 356	867	104	97 378	13 005	825	7	12 545
5081	Commercial machines and equipment	21	(D)	(D)	(D)	20	(D)	(D)	(D)	1	(D)
5082	Construction and mining machinery and equipment	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5083	Farm and garden machinery and equipment	33	59 756	7 069	427	30	(D)	(D)	(D)	3	(D)
5084	Industrial machinery and equipment	14	15 900	2 081	120	12	(D)	(D)	(D)	2	(D)
5085	Industrial supplies	18	8 185	1 100	85	17	(D)	(D)	(D)	1	(D)
5086	Professional equipment and supplies	11	3 631	480	26	11	3 631	480	26	-	-
5087	Service establishment equipment and supplies	8	(D)	(D)	(D)	8	(D)	(D)	(D)	-	-
5088	Transportation equipment and supplies, except motor vehicles	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
509	Miscellaneous durable goods	38	(D)	(D)	(D)	35	(D)	(D)	(D)	3	(D)
5093	Scrap and waste materials	18	(D)	(D)	(D)	18	(D)	(D)	(D)	-	-
5094	Jewelry, watches, diamonds and other precious stones	8	(D)	(D)	(D)	8	(D)	(D)	(D)	-	-
5099	Durable goods, n.e.c.	12	(D)	(D)	(D)	9	(D)	(D)	(D)	3	(D)
51	Nondurable goods	401	1 086 821	45 217	3 320	296	640 152	32 464	2 472	105	446 669
511	Paper and paper products	16	6 971	1 064	87	14	(D)	(D)	(D)	2	(D)
5111	Printing and writing paper	-	-	-	-	-	(D)	(D)	(D)	-	-
5112	Stationery supplies	13	(D)	(D)	(D)	11	(D)	(D)	(D)	2	(D)
5113	Industrial and personal service paper	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
512	Drugs, drug proprietaries and druggists' sundries	2	(D)	(D)	(D)	-	-	-	-	2	(D)
5122	Drugs, drug proprietaries, and druggists' sundries	2	(D)	(D)	(D)	-	-	-	-	2	(D)
513	Apparel, piece goods, and notions	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-
5133	Piece goods (woven fabrics)	-	-	-	-	-	-	-	-	-	-
5134	Notions and other dry goods	-	-	-	-	-	-	-	-	-	-
5136	Men's and boys' clothing and furnishings	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-
5137	Women's, children's and infants' clothing and accessories	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-
5139	Footwear	-	(D)	(D)	(D)	-	(D)	(D)	(D)	-	-
514	Groceries and related products	167	554 075	21 329	1 468	95	187 152	10 416	802	72	366 923
5141	Groceries, general line	18	22 065	1 348	94	18	22 065	1 348	94	-	-
5142	Frozen foods	5	(D)	(D)	(D)	4	(D)	(D)	(D)	1	(D)
5143	Dairy products	13	12 851	457	32	11	(D)	(D)	(D)	2	(D)
5144	Poultry and poultry products	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
5145	Confectionery	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5146	Fish and seafoods	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
5147	Meats and meat products	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
5148	Fresh fruits and vegetables	82	413 722	13 536	968	25	72 044	4 715	439	57	341 678
5149	Groceries and related products, n.e.c.	37	(D)	(D)	(D)	25	(D)	(D)	(D)	12	(D)
515	Farm-product raw materials	19	(D)	(D)	(D)	16	(D)	(D)	(D)	3	(D)
5152	Cotton	-	-	-	-	-	-	-	-	-	-
5153	Grain	12	(D)	(D)	(D)	11	(D)	(D)	(D)	1	(D)
5154	Livestock	6	47 206	469	140	4	(D)	(D)	(D)	2	(D)
5159	Farm-product raw materials, n.e.c.	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
516	Chemicals and allied products	7	7 456	351	26	4	(D)	(D)	(D)	3	(D)
5161	Chemicals and allied products	7	7 456	351	26	4	(D)	(D)	(D)	3	(D)
517	Petroleum and petroleum products	72	229 440	6 464	532	54	184 469	5 817	473	18	44 971
5171	Petroleum bulk stations and terminals	56	194 809	5 312	424	40	(D)	(D)	(D)	16	(D)
5172	Petroleum and petroleum products, except bulk stations and terminals	16	34 631	1 152	108	14	(D)	(D)	(D)	2	(D)
518	Beer, wine and distilled alcoholic beverages	39	(D)	(D)	(D)	39	(D)	(D)	(D)	-	-
5181	Beer and ale	25	(D)	(D)	(D)	25	(D)	(D)	(D)	-	-
5182	Wines and distilled alcoholic beverages	14	24 746	2 237	142	14	24 746	2 237	142	-	-
519	Miscellaneous nondurable goods	79	(D)	(D)	(D)	74	(D)	(D)	(D)	5	(D)
5191	Farm supplies	55	89 099	5 620	376	52	(D)	(D)	(D)	3	(D)
5194	Tobacco and tobacco products	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5198	Paints, varnishes, and supplies	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5199	Nondurable goods, n.e.c.	18	9 205	766	92	16	(D)	(D)	(D)	2	(D)

Table 6. Summary Statistics for Counties With 200 Establishments or More: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab-lish-ments (number)	Sales (\$1,000)
	MARICOPA COUNTY (Coextensive with Phoenix, SMSA; see table 4.)										
	PIMA COUNTY (Coextensive with Tucson, Ariz., SMSA; see table 4.)										

Table 7. Summary Statistics for Places With 200 Establishments or More: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab-lish-ments (number)	Sales (\$1,000)
	PHOENIX										
	Wholesale trade	2 047	7 933 646	526 309	28 694	1 636	4 785 026	402 067	23 222	411	3 148 620
50	Durable goods	1 488	3 844 579	344 170	18 971	1 201	2 308 194	258 465	15 497	287	1 536 385
501	Motor vehicles and automotive parts and supplies	233	723 052	52 205	3 310	210	(D)	(D)	(D)	23	(D)
5012	Automobiles and other motor vehicles	38	376 572	10 873	673	33	(D)	(D)	(D)	5	(D)
5013	Automotive parts and supplies	170	272 043	33 717	2 237	155	(D)	(D)	(D)	15	(D)
5014	Tires and tubes	25	74 437	7 615	400	22	(D)	(D)	(D)	3	(D)
502	Furniture and home furnishings	93	135 496	15 429	1 058	75	120 294	14 481	1 000	18	15 202
5021	Furniture	36	(D)	(D)	(D)	27	(D)	(D)	(D)	9	7 127
5023	Home furnishings	57	(D)	(D)	(D)	48	(D)	(D)	(D)	9	8 075
503	Lumber and other construction materials	107	379 987	22 413	1 363	80	223 836	17 467	1 104	27	156 151
5031	Lumber, plywood and millwork	32	149 084	9 216	538	28	(D)	(D)	(D)	4	(D)
5039	Construction materials, n.e.c.	75	230 903	13 197	825	52	(D)	(D)	(D)	23	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	46	59 274	4 506	290	41	43 258	3 879	259	5	16 016
5041	Sporting and recreational goods and supplies	20	16 750	1 316	95	18	(D)	(D)	(D)	2	(D)
5042	Toys and hobby goods and supplies	16	21 135	1 951	117	15	(D)	(D)	(D)	1	(D)
5043	Photographic equipment and supplies	10	21 389	1 239	78	8	(D)	(D)	(D)	2	(D)
505	Metals and minerals, except petroleum	49	172 500	11 078	628	39	(D)	(D)	(D)	10	(D)
5051	Metals service centers and offices	47	(D)	(D)	(D)	37	(D)	(D)	(D)	10	(D)
5052	Coal and other minerals and ores	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
506	Electrical goods	204	771 191	48 427	2 376	133	342 102	32 914	1 756	71	429 089
5063	Electrical apparatus and equipment	97	352 187	21 366	1 027	61	122 662	13 200	692	36	229 525
5064	Electrical appliances, television and radio sets	26	180 625	10 378	587	18	115 279	8 187	477	8	65 346
5065	Electronic parts and equipment	81	238 379	16 683	762	54	104 161	11 527	587	27	134 218
507	Hardware, and plumbing and heating equipment and supplies	159	349 554	33 105	1 864	123	245 714	26 492	1 573	36	103 840
5072	Hardware	52	102 721	11 115	669	42	(D)	(D)	(D)	10	(D)
5074	Plumbing and heating equipment and supplies (hydronics)	57	118 409	10 413	642	46	92 383	9 562	590	11	26 026
5075	Warm air heating and air conditioning equipment and supplies	35	105 406	8 841	423	22	45 470	4 530	245	13	59 936
5078	Refrigeration equipment and supplies	15	23 018	2 736	130	13	(D)	(D)	(D)	2	(D)
508	Machinery, equipment, and supplies	505	1 124 259	146 436	7 204	419	(D)	(D)	(D)	86	(D)
5081	Commercial machines and equipment	143	533 476	67 298	2 886	101	187 136	24 470	1 378	42	346 340
5082	Construction and mining machinery and equipment	43	97 354	13 211	657	36	(D)	(D)	(D)	7	(D)
5083	Farm and garden machinery and equipment	17	35 467	4 420	253	15	(D)	(D)	(D)	2	(D)
5084	Industrial machinery and equipment	115	171 521	26 209	1 290	95	140 075	23 534	1 172	20	31 446
5085	Industrial supplies	62	100 887	11 185	668	56	(D)	(D)	(D)	6	(D)

Table 7. Summary Statistics for Places With 200 Establishments or More: 1982—Con.

(For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F)

SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers			Other operating types		
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
	PHOENIX—Con.										
50	Durable goods—Con.										
508	Machinery, equipment, and supplies—Con.	73	118 155	13 806	772	66	108 640	12 285	688	7	9 515
5086	Professional equipment and supplies	41	(D)	(D)	(D)	39	(D)	(D)	(D)	2	(D)
5087	Service establishment equipment and supplies										
5088	Transportation equipment and supplies, except motor vehicles	11	(D)	(D)	(D)	11	(D)	(D)	(D)	-	-
509	Miscellaneous durable goods	92	129 266	10 571	878	81	(D)	(D)	(D)	11	(D)
5093	Scrap and waste materials	42	41 826	4 827	431	40	(D)	(D)	(D)	2	(D)
5094	Jewelry, watches, diamonds and other precious stones	23	60 411	2 851	182	20	(D)	(D)	(D)	3	(D)
5099	Durable goods, n.e.c.	27	27 029	2 893	265	21	(D)	(D)	(D)	6	(D)
51	Nondurable goods	559	4 089 067	182 139	9 723	435	2 476 832	143 602	7 725	124	1 612 235
511	Paper and paper products	72	184 007	17 779	993	65	154 920	15 809	910	7	29 087
5111	Printing and writing paper	13	77 726	6 416	285	12	(D)	(D)	(D)	1	(D)
5112	Stationery supplies	37	55 156	7 984	492	32	(D)	(D)	(D)	5	(D)
5113	Industrial and personal service paper	22	51 125	3 379	216	21	(D)	(D)	(D)	1	(D)
512	Drugs, drug proprietaries and druggists' sundries	26	134 230	6 226	428	22	(D)	(D)	(D)	4	(D)
5122	Drugs, drug proprietaries, and druggists' sundries	26	134 230	6 226	428	22	(D)	(D)	(D)	4	(D)
513	Apparel, piece goods, and notions	29	40 342	2 528	235	23	24 536	2 095	213	6	15 806
5133	Piece goods (woven fabrics)	11	(D)	(D)	(D)	10	(D)	(D)	(D)	1	(D)
5134	Notions and other dry goods	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
5136	Men's and boys' clothing and furnishings	7	(D)	(D)	(D)	6	(D)	(D)	(D)	1	(D)
5137	Women's, children's and infants' clothing and accessories	6	(D)	(D)	(D)	3	(D)	(D)	(D)	3	(D)
5139	Footwear	3	(D)	(D)	(D)	2	(D)	(D)	(D)	1	(D)
514	Groceries and related products	192	1 956 240	103 833	5 259	132	1 255 726	76 376	3 781	60	700 514
5141	Groceries, general line	24	854 624	42 045	1 448	19	(D)	(D)	(D)	5	(D)
5142	Frozen foods	20	163 307	9 418	563	12	(D)	(D)	(D)	8	(D)
5143	Dairy products	11	(D)	(D)	(D)	8	12 833	919	48	3	(D)
5144	Poultry and poultry products	4	(D)	(D)	(D)	4	(D)	(D)	(D)	-	-
5145	Confectionery	12	(D)	(D)	(D)	9	(D)	(D)	(D)	3	(D)
5146	Fish and seafoods	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
5147	Meats and meat products	26	245 593	6 627	382	17	114 085	3 711	240	9	131 508
5148	Fresh fruits and vegetables	36	164 761	11 429	973	28	(D)	(D)	(D)	8	(D)
5149	Groceries and related products, n.e.c.	57	413 142	28 081	1 500	33	(D)	(D)	(D)	24	(D)
515	Farm-product raw materials	17	262 306	4 714	236	14	191 832	4 255	207	3	70 474
5152	Cotton	8	146 662	1 363	44	6	(D)	(D)	(D)	2	(D)
5153	Grain	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5154	Livestock	3	46 706	242	23	2	(D)	(D)	(D)	1	(D)
5159	Farm-product raw materials, n.e.c.	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
516	Chemicals and allied products	45	188 965	8 553	422	32	(D)	(D)	(D)	13	(D)
5161	Chemicals and allied products	45	188 965	8 553	422	32	(D)	(D)	(D)	13	(D)
517	Petroleum and petroleum products	32	890 182	6 922	379	22	(D)	(D)	(D)	10	(D)
5171	Petroleum bulk stations and terminals	19	814 909	5 195	246	13	214 457	3 055	172	6	600 452
5172	Petroleum and petroleum products, except bulk stations and terminals	13	75 273	1 727	133	9	(D)	(D)	(D)	4	(D)
518	Beer, wine and distilled alcoholic beverages	11	221 347	15 613	694	10	(D)	(D)	(D)	1	(D)
5181	Beer and ale	3	53 701	3 704	218	3	53 701	3 704	218	-	-
5182	Wines and distilled alcoholic beverages	8	167 646	11 909	476	7	(D)	(D)	(D)	1	(D)
519	Miscellaneous nondurable goods	135	211 448	15 971	1 077	115	170 254	13 306	929	20	41 194
5191	Farm supplies	26	30 343	3 040	181	25	(D)	(D)	(D)	1	(D)
5194	Tobacco and tobacco products	3	68 595	2 163	163	3	68 595	2 163	163	-	-
5198	Paints, varnishes, and supplies	25	19 918	2 648	171	19	(D)	(D)	(D)	6	(D)
5199	Nondurable goods, n.e.c.	81	92 592	8 120	562	68	61 171	6 658	485	13	31 421
	SCOTTSDALE										
	Wholesale trade	234	496 670	26 462	1 469	172	202 822	20 092	1 202	62	293 848
50	Durable goods	165	223 389	15 496	885	118	104 795	11 150	695	47	118 594
501	Motor vehicles and automotive parts and supplies	7	(D)	(D)	(D)	7	(D)	(D)	(D)	-	-
502	Furniture and home furnishings	11	12 351	508	24	8	(D)	(D)	(D)	3	(D)
503	Lumber and other construction materials	6	5 656	663	80	5	(D)	(D)	(D)	1	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	5	1 546	164	14	5	1 546	164	14	-	-
505	Metals and minerals, except petroleum	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
506	Electrical goods	50	104 426	4 819	245	26	26 857	2 598	163	24	77 569
507	Hardware, and plumbing and heating equipment and supplies	10	23 075	1 586	75	10	23 075	1 586	75	-	-
508	Machinery, equipment, and supplies	53	58 352	5 341	269	38	28 302	3 679	178	15	30 050
509	Miscellaneous durable goods	21	9 073	1 523	113	18	(D)	(D)	(D)	3	(D)
51	Nondurable goods	69	273 281	10 966	584	54	98 027	8 942	507	15	175 254
511	Paper and paper products	10	16 522	1 090	61	7	(D)	(D)	(D)	3	(D)
512	Drugs, drug proprietaries and druggists' sundries	5	21 152	4 093	198	4	(D)	(D)	(D)	1	(D)
513	Apparel, piece goods, and notions	8	5 187	436	45	7	(D)	(D)	(D)	1	(D)
514	Groceries and related products	17	128 706	1 787	105	11	(D)	(D)	(D)	6	(D)
515	Farm-product raw materials	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-

Table 7. Summary Statistics for Places With 200 Establishments or More: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers			Other operating types		
						Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
	SCOTTSDALE—Con.										
51	Nondurable goods—Con.										
516	Chemicals and allied products.....	9	(D)	(D)	(D)	6	(D)	(D)	(D)	3	(D)
517	Petroleum and petroleum products.....	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
518	Beer, wine and distilled alcoholic beverages.....	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
519	Miscellaneous nondurable goods.....	16	6 845	724	54	15	(D)	(D)	(D)	1	(D)
	TEMPE										
	Wholesale trade.....	311	1 258 743	54 656	3 121	231	615 688	41 032	2 456	80	643 055
50	Durable goods.....	240	834 135	36 025	2 030	177	256 063	26 783	1 588	63	578 072
501	Motor vehicles and automotive parts and supplies...	15	(D)	(D)	(D)	12	(D)	(D)	(D)	3	(D)
502	Furniture and home furnishings.....	11	(D)	(D)	(D)	9	(D)	(D)	(D)	2	(D)
503	Lumber and other construction materials.....	17	30 466	1 859	147	14	21 620	1 704	138	3	8 846
504	Sporting, recreational, photographic, and hobby goods, toys and supplies.....	7	7 191	911	39	6	(D)	(D)	(D)	1	(D)
505	Metals and minerals, except petroleum.....	5	(D)	(D)	(D)	4	(D)	(D)	(D)	1	(D)
506	Electrical goods.....	61	132 023	7 363	373	40	73 615	4 842	265	21	58 408
507	Hardware, and plumbing and heating equipment and supplies.....	23	30 543	2 797	138	15	16 793	1 657	87	8	13 750
508	Machinery, equipment, and supplies.....	85	125 488	15 242	788	62	(D)	(D)	(D)	23	(D)
509	Miscellaneous durable goods.....	16	11 616	1 818	198	15	(D)	(D)	(D)	1	(D)
51	Nondurable goods.....	71	424 608	18 631	1 091	54	359 625	14 249	868	17	64 983
511	Paper and paper products.....	12	13 857	1 154	86	10	(D)	(D)	(D)	2	(D)
512	Drugs, drug proprietaries and druggists' sundries...	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
513	Apparel, piece goods, and notions.....	3	(D)	(D)	(D)	2	(D)	(D)	(D)	1	(D)
514	Groceries and related products.....	19	230 050	6 891	361	10	(D)	(D)	(D)	9	(D)
515	Farm-product raw materials.....	1	(D)	(D)	(D)	-	-	-	-	1	(D)
516	Chemicals and allied products.....	8	(D)	(D)	(D)	7	(D)	(D)	(D)	1	(D)
517	Petroleum and petroleum products.....	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	(D)
518	Beer, wine and distilled alcoholic beverages.....	5	46 612	2 352	106	5	46 612	2 352	106	-	-
519	Miscellaneous nondurable goods.....	19	47 035	3 543	279	16	(D)	(D)	(D)	3	(D)
	TUCSON										
	Wholesale trade.....	571	1 120 995	102 741	6 390	506	848 222	88 624	5 747	65	272 773
50	Durable goods.....	410	603 652	69 921	4 352	371	(D)	(D)	(D)	39	(D)
501	Motor vehicles and automotive parts and supplies...	63	84 921	10 476	696	59	(D)	(D)	(D)	4	(D)
5012	Automobiles and other motor vehicles.....	8	(D)	(D)	(D)	7	(D)	(D)	(D)	1	(D)
5013	Automotive parts and supplies.....	45	(D)	(D)	(D)	43	(D)	(D)	(D)	2	(D)
5014	Tires and tubes.....	10	(D)	(D)	(D)	9	(D)	(D)	(D)	1	(D)
502	Furniture and home furnishings.....	17	(D)	(D)	(D)	17	(D)	(D)	(D)	-	-
5021	Furniture.....	8	6 188	741	71	8	6 188	741	71	-	-
5023	Home furnishings.....	9	(D)	(D)	(D)	9	(D)	(D)	(D)	-	-
503	Lumber and other construction materials.....	31	(D)	(D)	(D)	30	(D)	(D)	(D)	1	(D)
5031	Lumber, plywood and millwork.....	7	47 001	3 932	219	7	47 001	3 932	219	-	-
5039	Construction materials, n.e.c.....	24	(D)	(D)	(D)	23	(D)	(D)	(D)	1	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies.....	12	18 119	912	76	11	(D)	(D)	(D)	1	(D)
5041	Sporting and recreational goods and supplies.....	- 9	16 831	829	66	8	(D)	(D)	(D)	1	(D)
5042	Toys and hobby goods and supplies.....	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
5043	Photographic equipment and supplies.....	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
505	Metals and minerals, except petroleum.....	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5051	Metals service centers and offices.....	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5052	Coal and other minerals and ores.....	-	-	-	-	-	-	-	-	-	-
506	Electrical goods.....	50	102 779	8 022	449	39	71 436	6 371	365	11	31 343
5063	Electrical apparatus and equipment.....	35	85 665	6 007	344	27	(D)	(D)	(D)	8	(D)
5064	Electrical appliances, television and radio sets...	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5065	Electronic parts and equipment.....	10	(D)	(D)	(D)	7	(D)	(D)	(D)	3	(D)
507	Hardware, and plumbing and heating equipment and supplies.....	39	57 348	6 510	455	36	(D)	(D)	(D)	3	(D)
5072	Hardware.....	10	10 650	1 589	113	9	(D)	(D)	(D)	1	(D)
5074	Plumbing and heating equipment and supplies (hydronics).....	16	30 758	3 592	263	16	30 758	3 592	263	-	-
5075	Warm air heating and air conditioning equipment and supplies.....	9	(D)	(D)	(D)	7	11 326	958	52	2	(D)
5078	Refrigeration equipment and supplies.....	4	(D)	(D)	(D)	4	(D)	(D)	(D)	-	-
508	Machinery, equipment, and supplies.....	161	225 488	32 357	1 880	146	177 526	25 460	1 594	15	47 962
5081	Commercial machines and equipment.....	54	65 068	12 536	686	47	(D)	(D)	(D)	7	(D)
5082	Construction and mining machinery and equipment.....	19	60 554	7 503	377	18	(D)	(D)	(D)	1	(D)
5083	Farm and garden machinery and equipment.....	7	(D)	(D)	(D)	6	12 767	1 416	87	1	(D)
5084	Industrial machinery and equipment.....	28	34 780	4 241	243	24	27 668	3 695	222	4	7 112
5085	Industrial supplies.....	21	25 182	2 302	145	21	25 182	2 302	145	-	-

Table 7. **Summary Statistics for Places With 200 Establishments or More: 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
	TUCSON—Con.										
50	Durable goods—Con.										
508	Machinery, equipment, and supplies—Con.	15	(D)	(D)	(D)	14	(D)	(D)	(D)	1	(D)
5086	Professional equipment and supplies	15	12 914	1 895	151	15	12 914	1 895	151	-	(D)
5087	Service establishment equipment and supplies										
5088	Transportation equipment and supplies, except motor vehicles	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
509	Miscellaneous durable goods	32	(D)	(D)	(D)	28	(D)	(D)	(D)	4	(D)
5093	Scrap and waste materials	15	(D)	(D)	(D)	15	(D)	(D)	(D)	-	-
5094	Jewelry, watches, diamonds and other precious stones	10	(D)	(D)	(D)	8	(D)	(D)	(D)	2	(D)
5099	Durable goods, n.e.c.	7	(D)	(D)	(D)	5	(D)	(D)	(D)	2	(D)
51	Nondurable goods	161	517 343	32 820	2 038	135	(D)	(D)	(D)	26	(D)
511	Paper and paper products	23	34 176	3 617	222	20	(D)	(D)	(D)	3	(D)
5111	Printing and writing paper	4	(D)	(D)	(D)	2	(D)	(D)	(D)	2	(D)
5112	Stationery supplies	13	(D)	(D)	(D)	12	(D)	(D)	(D)	1	(D)
5113	Industrial and personal service paper	6	(D)	(D)	(D)	6	(D)	(D)	(D)	-	-
512	Drugs, drug proprietaries and druggists' sundries	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5122	Drugs, drug proprietaries, and druggists' sundries	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
513	Apparel, piece goods, and notions	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5133	Piece goods (woven fabrics)	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5134	Notions and other dry goods	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5136	Men's and boys' clothing and furnishings	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
5137	Women's, children's and infants' clothing and accessories	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5139	Footwear	-	-	-	-	-	-	-	-	-	-
514	Groceries and related products	52	165 167	10 236	601	42	(D)	(D)	(D)	10	(D)
5141	Groceries, general line	7	(D)	(D)	(D)	7	(D)	(D)	(D)	-	-
5142	Frozen foods	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
5143	Dairy products	4	11 645	345	18	1	(D)	(D)	(D)	3	(D)
5144	Poultry and poultry products	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
5145	Confectionery	3	1 273	186	21	3	1 273	186	21	-	-
5146	Fish and seafoods	3	(D)	(D)	(D)	2	(D)	(D)	(D)	1	(D)
5147	Meats and meat products	8	(D)	(D)	(D)	7	(D)	(D)	(D)	1	(D)
5148	Fresh fruits and vegetables	7	13 515	1 542	104	7	13 515	1 542	104	-	-
5149	Groceries and related products, n.e.c.	14	35 339	2 511	147	9	(D)	(D)	(D)	5	(D)
515	Farm-product raw materials	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5152	Cotton	-	-	-	-	-	-	-	-	-	-
5153	Grain	-	-	-	-	-	-	-	-	-	-
5154	Livestock	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5159	Farm-product raw materials, n.e.c.	-	-	-	-	-	-	-	-	-	-
516	Chemicals and allied products	20	(D)	(D)	(D)	16	21 114	4 198	280	4	(D)
5161	Chemicals and allied products	20	(D)	(D)	(D)	16	21 114	4 198	280	4	(D)
517	Petroleum and petroleum products	11	148 256	1 636	87	7	(D)	(D)	(D)	4	(D)
5171	Petroleum bulk stations and terminals	7	(D)	(D)	(D)	5	(D)	(D)	(D)	2	(D)
5172	Petroleum and petroleum products, except bulk stations and terminals	4	(D)	(D)	(D)	2	(D)	(D)	(D)	2	(D)
518	Beer, wine and distilled alcoholic beverages	11	(D)	(D)	(D)	11	(D)	(D)	(D)	-	-
5181	Beer and ale	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
5182	Wines and distilled alcoholic beverages	6	(D)	(D)	(D)	6	(D)	(D)	(D)	-	-
519	Miscellaneous nondurable goods	37	41 498	3 819	310	32	33 815	3 241	278	5	7 683
5191	Farm supplies	9	(D)	(D)	(D)	9	(D)	(D)	(D)	-	-
5194	Tobacco and tobacco products	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5198	Paints, varnishes, and supplies	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5199	Nondurable goods, n.e.c.	3	(D)	(D)	(D)	1	(D)	(D)	(D)	2	(D)
		24	(D)	(D)	(D)	21	15 990	2 361	200	3	

Table 8. Summary Statistics for Counties and for Places With 2,500 Inhabitants or More: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

Geographic area	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
					Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
Arizona	4 555	13 927 825	906 305	52 401	3 721	8 340 419	702 759	42 988	834	5 587 406
Apache County	7	10 663	341	35	5	(D)	(D)	(D)	2	(D)
Eagar	-	-	-	-	-	-	-	-	-	-
St. Johns	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Balance of county	6	(D)	(D)	(D)	4	(D)	(D)	(D)	2	(D)
Cochise County	68	92 010	5 064	583	60	72 329	4 533	497	8	19 681
Benson	5	2 297	230	18	4	(D)	(D)	(D)	1	(D)
Bisbee	5	8 153	555	62	5	8 153	555	62	-	-
Douglas	13	12 134	958	75	10	(D)	(D)	(D)	3	(D)
Sierra Vista	11	5 526	540	40	10	(D)	(D)	(D)	1	(D)
Willcox	19	56 878	1 959	312	16	(D)	(D)	(D)	3	(D)
Balance of county	15	7 022	822	76	15	7 022	822	76	-	-
Coconino County	85	328 158	15 422	801	75	(D)	(D)	(D)	10	(D)
Flagstaff	68	(D)	(D)	(D)	59	(D)	(D)	(D)	9	(D)
Page	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
Balance of county	12	(D)	(D)	(D)	11	(D)	(D)	(D)	1	(D)
Gila County	32	48 011	2 242	149	27	28 067	1 656	105	5	19 944
Globe	15	29 512	1 434	90	14	(D)	(D)	(D)	1	(D)
Miami	4	2 381	98	5	3	(D)	(D)	(D)	1	(D)
Payson	5	1 506	149	16	5	1 506	149	16	-	-
Balance of county	8	14 612	561	38	5	(D)	(D)	(D)	3	(D)
Graham County	27	29 312	2 526	180	26	(D)	(D)	(D)	1	(D)
Safford	21	20 742	2 000	135	20	(D)	(D)	(D)	1	(D)
Thatcher	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
Balance of county	4	(D)	(D)	(D)	4	(D)	(D)	(D)	-	-
Greenlee County	4	1 812	60	7	2	(D)	(D)	(D)	2	(D)
Clifton	4	1 812	60	7	2	(D)	(D)	(D)	2	(D)
Balance of county	-	-	-	-	-	-	-	-	-	-
Maricopa County	3 083	10 911 146	692 250	38 662	2 462	6 479 768	537 601	31 672	621	4 431 378
Apache Junction (part) Δ	-	-	-	-	-	-	-	-	-	-
Avondale	8	7 869	963	73	8	7 869	963	73	-	-
Buckeye	13	29 303	1 708	110	11	(D)	(D)	(D)	2	(D)
Chandler	36	61 714	3 984	225	34	(D)	(D)	(D)	2	(D)
El Mirage	-	-	-	-	-	-	-	-	-	-
Gilbert	4	1 262	182	15	4	1 262	182	15	-	-
Glendale	107	281 432	21 927	1 532	92	230 468	20 609	1 457	15	50 964
Goodyear	5	(D)	(D)	(D)	5	(D)	(D)	(D)	-	-
Guadalupe	2	(D)	(D)	(D)	1	(D)	(D)	(D)	1	(D)
Mesa	168	291 643	20 554	1 359	142	248 683	18 180	1 235	26	42 960
Paradise Valley	11	32 695	734	36	4	960	141	11	7	31 735
Peoria	10	6 672	698	61	9	(D)	(D)	(D)	1	(D)
Phoenix	2 047	7 933 646	526 309	28 694	1 636	4 785 026	402 067	23 222	411	3 148 620
Scottsdale	234	496 670	26 462	1 469	172	202 822	20 092	1 202	62	293 848
Surprise	-	-	-	-	-	-	-	-	-	-
Tempe	311	1 258 743	54 656	3 121	231	615 688	41 032	2 456	80	643 055
Tolleson	9	18 975	1 330	106	7	(D)	(D)	(D)	2	(D)
Wickenburg	8	(D)	(D)	(D)	7	(D)	(D)	(D)	1	(D)
Balance of county	110	433 693	31 167	1 731	99	(D)	(D)	(D)	11	(D)
Mohave County	79	69 359	5 576	430	74	(D)	(D)	(D)	5	(D)
Kingman	30	43 984	3 049	215	27	(D)	(D)	(D)	3	(D)
Lake Havasu City Δ	30	(D)	(D)	(D)	29	(D)	(D)	(D)	1	(D)
Balance of county	19	(D)	(D)	(D)	18	(D)	(D)	(D)	1	(D)
Navajo County	49	57 184	2 968	209	41	35 438	2 544	191	8	21 746
Holbrook	14	9 874	872	65	11	(D)	(D)	(D)	3	(D)
Show Low	14	23 397	965	62	12	(D)	(D)	(D)	2	(D)
Snowflake	3	1 380	151	12	3	1 380	151	12	-	-
Winslow	5	3 742	112	14	5	3 742	112	14	-	-
Balance of county	13	18 791	868	56	10	(D)	(D)	(D)	3	(D)
Pima County	715	1 433 502	128 175	7 898	628	960 593	99 879	6 624	87	472 909
South Tucson	10	42 385	11 912	642	9	(D)	(D)	(D)	1	(D)
Tucson	571	1 120 995	102 741	6 390	506	848 222	88 624	5 747	65	272 773
Balance of county	134	270 122	13 522	866	113	(D)	(D)	(D)	21	(D)
Pinal County	71	132 898	11 418	709	64	101 209	8 761	556	7	31 689
Apache Junction (part) Δ	6	4 433	858	54	6	4 433	858	54	-	-
Casa Grande	37	88 170	6 553	355	32	(D)	(D)	(D)	5	(D)
Coolidge	8	17 100	1 128	94	7	(D)	(D)	(D)	1	(D)
Elroy	4	(D)	(D)	(D)	4	(D)	(D)	(D)	-	-
Florence	-	-	-	-	-	-	-	-	-	-
Kearny	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
Superior	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Balance of county	13	18 360	2 428	160	12	(D)	(D)	(D)	1	(D)
Santa Cruz County	126	462 950	15 337	1 058	64	103 169	5 951	494	62	359 781
Nogales	109	304 035	11 516	858	62	(D)	(D)	(D)	47	(D)
Balance of county	17	158 915	3 821	200	2	(D)	(D)	(D)	15	(D)

Table 8. Summary Statistics for Counties and for Places With 2,500 Inhabitants or More: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

Geographic area	Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
					Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab-lish-ments (number)	Sales (\$1,000)
Arizona—Con.										
Yavapai County -----	75	64 125	5 079	361	68	(D)	(D)	(D)	7	(D)
Chino Valley -----	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Cottonwood -----	8	(D)	(D)	(D)	8	(D)	(D)	(D)	-	-
Prescott -----	52	56 648	4 160	291	47	(D)	(D)	(D)	5	(D)
Balance of county -----	14	(D)	(D)	(D)	12	(D)	(D)	(D)	2	(D)
Yuma County -----	134	286 695	19 847	1 319	125	271 980	19 029	1 291	9	14 715
Parker -----	7	7 299	613	35	7	7 299	613	35	-	-
Somerton -----	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Yuma -----	87	222 416	14 660	938	81	(D)	(D)	(D)	6	(D)
Balance of county -----	39	(D)	(D)	(D)	36	(D)	(D)	(D)	3	(D)

Table 9. Counties Ranked by Volume of Sales: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

Geographic area	Rank ¹	Sales (\$1,000)	Cumulative		Geographic area	Rank ¹	Sales (\$1,000)	Cumulative	
			Sales (\$1,000)	Percent of State total				Sales (\$1,000)	Percent of State total
Arizona	(X)	13 927 825	13 927 825	100.0	Arizona—Con.				
Maricopa	1	10 911 146	10 911 146	78.3	Mohave	8	69 359	13 716 718	98.5
Pima	2	1 433 502	12 344 648	88.6	Yavapai	9	64 125	13 780 843	98.9
Santa Cruz	3	462 950	12 807 598	92.0	Navajo	10	57 184	13 838 027	99.4
Coconino	4	328 158	13 135 756	94.3	Gila	11	48 011	13 886 038	99.7
Yuma	5	286 695	13 422 451	96.4	Graham	12	29 312	13 915 350	99.9
Pinal	6	132 898	13 555 349	97.3	Apache	13	10 663	13 926 013	100.0
Cochise	7	92 010	13 647 359	98.0	Greenlee	14	1 812	13 927 825	100.0

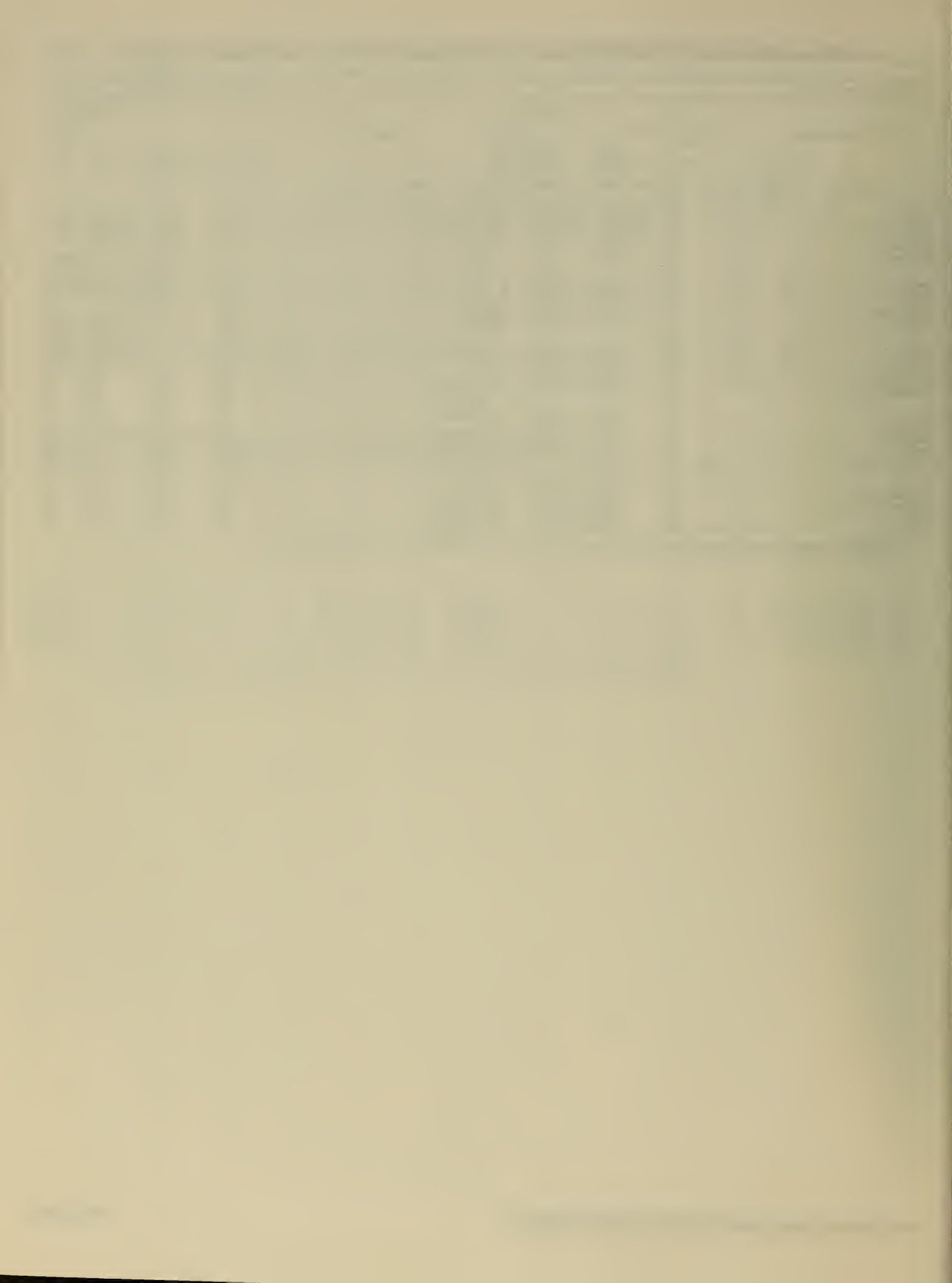
¹Counties with suppressed sales (if applicable) are listed at end of table rather than by rank to avoid disclosing data for individual companies.

Table 10. Places With 2,500 Inhabitants or More Ranked by Volume of Sales: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

Geographic area	Rank ¹	Sales (\$1,000)	Cumulative		Geographic area	Rank ¹	Sales (\$1,000)	Cumulative	
			Sales (\$1,000)	Percent of State total				Sales (\$1,000)	Percent of State total
Arizona -----	(X)	13 927 825	13 927 825	100.0	Arizona—Con.				
Phoenix -----	1	7 933 646	7 933 646	57.0	Parker -----	26	7 299	12 476 412	89.6
Tempe -----	2	1 258 743	9 192 389	66.0	Peoria -----	27	6 672	12 483 084	89.6
Tucson -----	3	1 120 995	10 313 384	74.0	Sierra Vista -----	28	5 526	12 488 610	89.7
Scottsdale -----	4	496 670	10 810 054	77.6	Apache Junction Δ -----	29	4 433	12 493 043	89.7
Nogales -----	5	304 035	11 114 089	79.8	Winslow -----	30	3 742	12 496 785	89.7
Mesa -----	6	291 643	11 405 732	81.9	Miami -----	31	2 381	12 499 166	89.7
Glendale -----	7	281 432	11 687 164	83.9	Benson -----	32	2 297	12 501 463	89.8
Yuma -----	8	222 416	11 909 580	85.5	Clifton -----	33	1 812	12 503 275	89.8
Casa Grande -----	9	88 170	11 997 750	86.1	Payson -----	34	1 506	12 504 781	89.8
Chandler -----	10	61 714	12 059 464	86.6	Snowflake -----	35	1 380	12 506 161	89.8
Willcox -----	11	56 878	12 116 342	87.0	Gilbert -----	36	1 262	12 507 423	89.8
Prescott -----	12	56 648	12 172 990	87.4	Eagar -----	37	-	12 507 423	89.8
Kingman -----	13	43 984	12 216 974	87.7	El Mirage -----	38	-	12 507 423	89.8
South Tucson -----	14	42 385	12 259 359	88.0	Florence -----	39	-	12 507 423	89.8
Paradise Valley -----	15	32 695	12 292 054	88.3	Surprise -----	40	-	12 507 423	89.8
Globe -----	16	29 512	12 321 566	88.5	Chino Valley -----	(X)	(D)	(X)	(X)
Buckeye -----	17	29 303	12 350 869	88.7	Cottonwood -----	(X)	(D)	(X)	(X)
Show Low -----	18	23 397	12 374 266	88.8	Eloy -----	(X)	(D)	(X)	(X)
Safford -----	19	20 742	12 395 008	89.0	Flagstaff -----	(X)	(D)	(X)	(X)
Tolleson -----	20	18 975	12 413 983	89.1	Goodyear -----	(X)	(D)	(X)	(X)
Coolidge -----	21	17 100	12 431 083	89.3	Guadalupe -----	(X)	(D)	(X)	(X)
Douglas -----	22	12 134	12 443 217	89.3	Kearny -----	(X)	(D)	(X)	(X)
Holbrook -----	23	9 874	12 453 091	89.4	Lake Havasu City Δ -----	(X)	(D)	(X)	(X)
Bisbee -----	24	8 153	12 461 244	89.5	Page -----	(X)	(D)	(X)	(X)
Avondale -----	25	7 869	12 469 113	89.5	St. Johns -----	(X)	(D)	(X)	(X)
					Somerton -----	(X)	(D)	(X)	(X)
					Superior -----	(X)	(D)	(X)	(X)
					Thatcher -----	(X)	(D)	(X)	(X)
					Wickenburg -----	(X)	(D)	(X)	(X)

¹Places with suppressed sales (if applicable) are listed at end of table rather than by rank to avoid disclosing data for individual companies.



APPENDIX A.

General Explanation

CENSUS COVERAGE AND METHODOLOGY

Structure and method of enumeration—All wholesale firms that had at least one quarter of payroll in 1982 were included in the census of wholesale trade and were mailed either a regular census form or a short classification form. The coverage and the method of obtaining census information from each follow:

1. Large companies, i.e., all multiunit firms and all single-unit firms above the payroll size cutoff established to separate large from small employers, and a 10-percent sample of the small employers were mailed the appropriate 1982 Census of Distributive Trades establishment report forms. Although the payroll cutoff varied by kind of business, small employers generally included firms with one to three employees and represented about 10 percent of total wholesale sales. For the large companies, a report of company organization is conducted periodically to identify firms which operated establishments at more than one location and to obtain information on payroll and mid-March employment at each location. The 1981 Report of Company Organization was used as a coverage check in the census. In the census mailing package containing the appropriate 1982 questionnaires, multiestablishment firms also were sent a form to use in updating the list of establishments with those opened since 1981.
2. Small companies other than those included in the 10-percent sample described above were mailed the classification forms, which did not include questions on payroll, employment, and sales by commodity lines. Data on payroll and employment for these firms were derived or estimated from administrative records of other Federal agencies.

Method of classifying kinds of business—Establishments receiving the regular census forms were classified on the basis of their answers to questions on sales by commodity lines and other inquiries. Those that received classification forms were classified on the basis of their self-designation and answers to other inquiries.

COMPARABILITY OF THE 1977 AND 1982 CENSUSES

The 1977 and 1982 censuses were conducted under similar conditions and procedures except for the following:

Geographic areas—The boundaries of a number of areas for which data are shown in the 1982 census are not the same as in the 1977 census because of annexations, other boundary changes, redefinitions of SMSA's, and changes in qualifying criteria since 1977.

In 1977, separate data were published for certain census-defined unincorporated places with 25,000 inhabitants or more. For 1982, data for census-defined unincorporated places are no longer shown separately but are included as part of the "remainder of county" statistics. In addition, improved methods, used in the 1982 census for determining the proper geographic areas into which businesses are tabulated within a given county, resulted in a number of businesses that were not tabulated as part of the "remainder of county" statistics in previous censuses being included within the "remainder of county" for 1982.

In 1977, special economic urban areas (see Geographic Areas Covered in introductory text) in New England qualified for separate publication if they had an urban population of at least 2,500 and a total population of at least 10,000. For 1982, the urban population requirement has been eliminated, and the area must have a population of 10,000 to qualify for separate publication.

Standard Industrial Classification—In both 1982 and 1977, classifications are based on the 1972 Standard Industrial Classification (SIC) Manual¹ and on a supplement issued in 1977 showing minor revisions and clarifications to the SIC structure. As a result of a later clarification in 1982 by the SIC committee, the sale of crude oil from bulk storage facilities has been classified in petroleum bulk stations and terminals (5171) rather than petroleum and petroleum products (5172) as it was in 1977 and all previous censuses.

Payroll and employment—The 1977 employment item included three pay-period statistics omitted from the 1982 inquiry: the number of paid employees for the pay period including the 12th of May, August, and November. These statistics are collected and published by the Bureau of Labor Statistics.

Inventories—In 1982, inventories were reported at cost or market using generally accepted accounting methods. Inventories calculated on a last-in-first-out (LIFO) basis were reported before the LIFO adjustment. In 1977, inventories were reported by valuation method and summed to a total for each establishment; in prior censuses, all inventories were reported at cost. Method of valuation data are collected in the Annual Trade Survey.

EXPLANATION OF TERMS

Establishments—An establishment is a single physical location at which business is conducted. It is not necessarily identical with a company or enterprise,

¹Standard Industrial Classification Manual: 1972. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. 1977 Supplement. Stock No. 003-005-00176-0.

which may consist of one establishment or more. Census of wholesale trade figures represent a summary of reports for individual establishments rather than companies. For cases where a census report was received, separate information was obtained for each location where business was conducted. When administrative records of other Federal agencies were used instead of a census report, no information was available on the number of locations operated. Estimates of this number were derived from a sample and will be provided in the Miscellaneous Subjects report (WC82-I-4). Each census report was tabulated according to the physical location at which the business was conducted. The count of establishments in this publication represents the number in business at the end of the year.

A comparison of the number of establishments in business at the end of the year versus the number active any time during the year for the United States as a whole is presented by kind-of-business group in appendix G of the United States Summary report included as part of this series.

When two activities or more were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment. The entire establishment was classified on the basis of its major activity and all data for it were included in that classification. However, when distinct and separate economic activities (for which different industry classification codes were appropriate) were conducted under the same ownership at a single location, and when conditions prescribed by the SIC manual for recognizing the existence of more than one establishment were met, separate establishment reports for each of the different activities were obtained in the census.

Firms—A firm is a business organization or entity consisting of one domestic establishment (location) or more under common ownership or control. For economic census purposes, the terms "firm" and "company" are synonymous.

Sales—Sales include merchandise sold for cash or credit at wholesale and retail by establishments primarily engaged in wholesale trade; receipts from rental or leasing of vehicles, equipment, instruments, tools, etc.; receipts for delivery, installation, maintenance, repair, alteration, storage, and other services; and gasoline, liquor, tobacco, and other excise taxes which are paid by the manufacturer and passed on to the wholesaler.

Sales are net after deductions for refunds and allowances for merchandise returned by customers. Trade-in allowances are not deducted from total sales. Total sales do not include carrying or other credit charges; sales (or other) taxes collected from customers and forwarded to taxing authorities; and non-operating income from such sources as investments, rental or sale of real estate, etc.

Sales in this report do not include wholesale sales made by manufacturers, retailers, service establishments, or other businesses whose primary activity is other than wholesale trade. They do include receipts other than from the sales of merchandise at wholesale, e.g., service receipts, retail sales, etc., by establishments primarily engaged in wholesale trade.

Although the count of establishments represents the number in business at the end of the year, the sales figures include sales of all establishments in business at any time during the year. Sales shown for agents and brokers represent the value of the goods involved in the transactions rather than the commissions received or earnings.

Annual payroll—Payroll includes all forms of compensation such as salaries, wages, commissions, bonuses, vacation allowance, sick-leave pay, and the value of payments in kind (e.g., free meals and lodgings), paid during the year to all employees. For corporations, it includes amounts paid to officers and executives; for unincorporated businesses, it does not include profit or other compensation of proprietors or partners. Payroll is reported before deductions for social security, income tax, insurance, union dues, etc. This definition of payroll is the same as that used by the Internal Revenue Service on form 941.

First quarter payroll—This item consists of payroll, as defined above, paid to persons employed at any time during the quarter January to March 1982.

Paid employees for pay period including March 12—Paid employees consist of the full-time and part-time employees, including salaried officers and executives of corporations, who were on the payroll in the pay period including March 12. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses. The definition of paid employees is the same as that used on IRS form 941.

1982 and 1981 inventories—Inventories consist of stocks of merchandise for sale at the end of 1982 and 1981. They are reported on an ownership basis; all merchandise owned by reporting establishments is included, even though some may be held by others for sale on consignment. Goods held by the reporting establishment, but owned by others, are not included. Data for 1982 and 1981 inventories LIFO composition will be published in the 1982 Census of Wholesale Trade Miscellaneous Subjects report (WC82-I-4).

Operating expenses—Operating expenses include payroll as well as overhead expenses of the establishment. They do not include the cost of goods sold or income or excise taxes. Nor do they include withdrawals by proprietors or partners of unincorporated businesses.

Auxiliary establishments—Each company included in the census was asked to identify and report separately those auxiliary locations whose primary functions were to manage, administer, service, or support the activities of the other establishments of the company. Data for auxiliaries which primarily service wholesale establishments are presented for selected industrial classifications in tables included in the United States Summary report. Data for auxiliaries are presented for more detailed industry breakdowns in a subsequent report issued as part of the 1982 Enterprise Statistics reports.

KIND-OF-BUSINESS CLASSIFICATIONS

Wholesale trade, major groups 50 and 51 in the 1972 SIC manual, includes establishments primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm, or professional business users; or to other wholesalers; or acting as agents or brokers in buying merchandise for or selling merchandise to such persons or companies.

The principal types of establishments included are:

1. Merchant wholesalers who take title to the goods they sell, such as wholesale merchants or jobbers, industrial distributors, voluntary group wholesalers, drop shippers, retailer cooperative warehouses, terminal elevators, and cooperative buying associations.
2. Manufacturers' sales branches and sales offices (but not retail stores) maintained by manufacturing or mining enterprises apart from their plants or mines for the purpose of marketing their products.
3. Agents, brokers, and commission merchants who buy or sell products owned by others on a commission or agency basis.

Establishments primarily engaged in the wholesale distribution of used products are classified on the basis of the product sold.

Establishments primarily engaged in selling merchandise to contractors are included in wholesale trade, with the exception of lumber yards and paint, glass, and wallpaper stores. These exceptions are classified in retail trade if they sell to the general public, even if a higher proportion of their sales is made to contractors.

Establishments covered by the census were assigned a kind-of-business classification according to the industry classifications defined in the 1972 SIC Manual. When a more detailed classification was needed than that defined in the SIC Manual, more kinds of business were identified within a SIC.

Kind-of-business classifications are not interchangeable with commodity classifications, because most businesses sell several kinds of commodities. The kind-of-business code assigned generally reflects either the individual commodity or the commodity group which is the primary source of the establishment's receipts, or some mixture of commodities which characterizes the establishment's business. Thus, the classification of establishments by kind of business generally does not make it possible to determine either the number of establishments handling a particular commodity or the sales of that commodity. For example, the groceries and related products classification excludes establishments selling food if the sale of food is not the primary source of receipts; moreover, even though establishments are classified as groceries and related products, some of their receipts may be derived from the sale of nonfood products. Information on the extent to which commodities are handled by different kinds of business is available in the 1982 Census of Wholesale Trade report, Commodity Line Sales (WC82-I-3).

Descriptions of the 1982 Census of Wholesale Trade kind-of-business classifications follow:

Durable Goods (SIC Major Group 50)

This major group includes establishments primarily engaged in the wholesale distribution of durable goods.

Motor vehicles and automotive parts and supplies (SIC 501)

Automobiles and other motor vehicles (SIC 5012)—Establishments primarily engaged in the wholesale distribution of new and used passenger automobiles, trucks, and other motor vehicles. Automobile distributors primarily engaged in selling at retail to individual consumers for personal use, and also selling a limited amount of new and used passenger automobiles and trucks at wholesale to dealers, are classified in SIC 5511.

SIC 5012 is subdivided in some tables into—

1. New and used automobiles and motorcycles.
2. Trucks and tractors.

Automotive parts and supplies (SIC 5013)—Establishments primarily engaged in the wholesale distribution of automotive parts, supplies, accessories, tools, and equipment.

SIC 5013 is subdivided in some tables into—

1. New automotive parts, accessories, and equipment—warehouse distributors (without machine shop).
2. New automotive parts, accessories, and equipment—jobbers (without machine shop).
3. New automotive parts, accessories, and equipment—warehouse distributors (with machine shop).
4. New automotive parts, accessories and equipment—jobbers (with machine shop).
5. Used automotive parts, equipment, and supplies.
6. Petroleum products marketing equipment.

Tires and tubes (SIC 5014)—Establishments primarily engaged in the wholesale distribution of rubber tires and tubes for passenger and commercial vehicles.

Furniture and home furnishings (SIC 502)

Furniture (SIC 5021)—Establishments primarily engaged in the wholesale distribution of furniture, including bedsprings, mattresses, and other household furniture; office furniture; and furniture for public parks, buildings, etc.

SIC 5021 is subdivided in some tables into—

1. Household and lawn furniture.
2. Office and business furniture.

Home furnishings (SIC 5023)—Establishments primarily engaged in the wholesale distribution of home furnishings and homewares, including antiques, china, glassware, and earthenware; lamps, curtains, and draperies; linens and towels; and carpets, linoleum, and all other types of hard and soft surface floor coverings.

Establishments primarily engaged in the wholesale distribution of electrical household goods are classified in SIC 5064.

SIC 5023 is subdivided in some tables into—

1. China, glassware, and crockery.
2. Linens, domestics, curtains, etc.
3. Floor coverings.
4. Other home furnishings.

Lumber and other construction materials (SIC 503)

Lumber, plywood and millwork (SIC 5031)—Establishments, with or without yards, primarily engaged in the wholesale distribution of rough, dressed, and finished lumber (but not timber); plywood; door and window frames (wood or metal); and other wood and metal millwork. Establishments selling lumber, plywood, and millwork to the general public and known as "retail" in the trade are classified in SIC 5211.

SIC 5031 is subdivided in some tables into—

1. Lumber-without yard.
2. Lumber-with yard.
3. Plywood and millwork (metal or wood).

Construction materials, n.e.c. (SIC 5039)—Establishments primarily engaged in the wholesale distribution of such building materials as brick, building stone, cement, granite, gravel, lime, marble, plaster, building glass, roofing materials, sand, and tile. Establishments selling construction materials to the general public and known as retail in the trade are classified in SIC 5211. Establishments primarily selling ready-mix concrete are classified in manufacturing SIC 3273.

SIC 5039 is subdivided in some tables into—

1. Brick, stone, tile, sand, etc.
2. Flat glass and other construction glass.
3. Roofing, siding, and insulation materials.
4. Other construction materials.

Sporting, recreational, photographic, and hobby goods, toys and supplies (SIC 504)

Sporting and recreational goods and supplies (SIC 5041)—Establishments primarily engaged in the wholesale distribution of all types of sporting goods and accessories, billiard and pool supplies; firearms and ammunition; and marine pleasure craft, equipment, and supplies.

Toys and hobby goods and supplies (SIC 5042)—Establishments primarily engaged in the wholesale distribution of games, toys, and hobby goods and supplies.

Photographic equipment and supplies (SIC 5043)—Establishments primarily engaged in the wholesale distribution of photographic equipment and supplies. Establishments primarily engaged in the wholesale distribution of photocopy equipment are classified in SIC 5081.

Metals and minerals, except petroleum (SIC 505)

Metals service centers and offices (SIC 5051)—Establishments primarily engaged in marketing ferrous and nonferrous metal semi-finished products. Establishments in this industry may operate with inventories (metals service centers) or without inventories (metals sales offices).

SIC 5051 is subdivided in some tables into—

1. Ferrous metals service centers and sales offices.
 - a. Ferrous metals service centers.
 - b. Ferrous metals sales offices.
2. Nonferrous metals service centers and sales offices.

Coal and other minerals and ores (SIC 5052)—Establishments primarily engaged in the wholesale distribution of coal and coke; copper, iron, lead, and other metallic ores except precious; and crude nonmetallic minerals (including concentrates) except crude petroleum. Establishments primarily engaged in the wholesale distribution of nonmetallic minerals used in construction, such as sand and gravel, are classified in SIC 5039.

SIC 5052 is subdivided in some tables into—

1. Coal.
2. Other minerals and ores.

Electrical goods (SIC 506)

This group includes establishments primarily engaged in the wholesale distribution of electrical generating, distributing, and wiring equipment. It also includes household appliances whether electrically, manually, or mechanically powered, such as washing machines powered by gasoline motors and sewing machines powered manually. This group does not include electrical commercial and industrial machines, i.e., those in which electricity does the work directly, such as by heating, turning a shaft, or ionizing a substance, or electrically powered commercial and industrial machines, which are classified in SIC 508.

Electrical apparatus and equipment (SIC 5063)—Establishments primarily engaged in the wholesale distribution of electrical power equipment for the generation, transmission, or utilization of electric energy; and electrical construction materials for outside power transmission lines and for electrical systems. Construction contractors primarily engaged in installing electrical systems and equipment from their own stock are classified in SIC 1731.

Electrical appliances, television and radio sets (SIC 5064)—Establishments primarily engaged in the wholesale distribution of radio and television sets and household electrical appliances.

Electronic parts and equipment (SIC 5065)—Establishments primarily engaged in the wholesale distribution of electronic parts and equipment, such as industrial and radio and television receiving and transmitting electronic tubes; electronic intercommunication

equipment; radio parts and accessories; and electronic sound equipment. Establishments primarily engaged in the wholesale distribution of radio and television receiving sets and phonographs are classified in SIC 5064.

Hardware, and plumbing and heating equipment and supplies (SIC 507)

Hardware (SIC 5072)—Establishments primarily engaged in the wholesale distribution of hardware, such as builders; shelf or light hardware; hand tools (except automotive and machinists' precision); hand saws and cutlery; brads, staples, and tacks; and bolts, nuts, rivets, and screws. Establishments primarily engaged in the wholesale distribution of nails, noninsulated wire, and screening are classified in SIC 5051.

Plumbing and heating equipment and supplies (hydronics) (SIC 5074)—Establishments primarily engaged in the wholesale distribution of hydronic plumbing and heating equipment and supplies. Construction contractors primarily engaged in installing plumbing and heating equipment from their own stock are classified in SIC 1711.

Warm air heating and air conditioning equipment and supplies (SIC 5075)—Establishments primarily engaged in the distribution of warm air heating and air conditioning equipment and supplies. Construction contractors primarily engaged in installing warm air heating and air conditioning equipment are classified in SIC 1711.

Refrigeration equipment and supplies (SIC 5078)—Establishments primarily engaged in the distribution of refrigeration equipment and supplies. Construction contractors primarily engaged in installing refrigeration equipment from their own stock are classified in SIC 1711.

Machinery, equipment, and supplies (SIC 508)

Commercial machines and equipment (SIC 5081)—Establishments primarily engaged in wholesaling commercial machines and equipment, such as office, store, and business machines and equipment; commercial food service equipment; and fountain and store fixtures.

SIC 5081 is subdivided in some tables into—

1. Office machines and equipment.
2. Restaurant and hotel equipment and supplies.
3. Store machines and equipment.

Construction and mining machinery and equipment (SIC 5082)—Establishments primarily engaged in marketing cranes, excavating machinery and equipment, power shovels, road construction and maintenance machinery, tractor-mounted equipment, and other specialized machinery and equipment used in the construction, mining, and logging industries. Establishments engaged in marketing oil machinery and equipment are classified in SIC 5084.

Farm and garden machinery and equipment (SIC 5083)—Establishments primarily engaged in marketing agricultural machinery and equipment for use in preparation and maintenance of the soil, planting and harvesting

of crops, and other operations and processes pertaining to work on the farm or the lawn or garden; and dairy and other livestock equipment.

SIC 5083 is subdivided in some tables into—

1. Farm machinery and equipment-farm dealers.
2. Farm machinery and equipment-wholesale distributors.
3. Garden machinery and equipment.

Industrial machinery and equipment (SIC 5084)—Establishments primarily engaged in marketing industrial machinery and equipment, such as metalworking tools, food industries machinery, oil well and oil refining machinery, industrial trucks and tractors (except over-the-road types), printing machinery, and machinery and equipment for other manufacturing industries.

SIC 5084 is subdivided in some tables into—

1. Food-processing machinery, equipment, and parts.
2. General-purpose industrial machinery, equipment, and parts.
3. Metalworking machinery, equipment, and parts.
4. Materials handling equipment and parts.
5. Oil well, oil refinery, and pipeline machinery, equipment, and supplies.
6. Other industrial machinery, equipment, and parts. Establishments primarily engaged in selling special purpose industrial machinery not elsewhere classified, including printing machinery, woodworking machinery, shoemaking machinery, paper and paper products machinery, smelting and metal refining machinery and equipment, cigar- and cigarette-making machinery, and similar special industry machinery.

Industrial supplies (SIC 5085)—Establishments primarily engaged in marketing industrial supplies, such as abrasives and abrasive materials, rope and cordage, and mechanical rubber goods; welding supplies; mechanical power transmission supplies, including bearings; industrial valves and fittings; metal containers; industrial leather; and reconditioned barrels and drums.

SIC 5085 is subdivided in some tables into—

1. General-line industrial supplies.
2. Mechanical power transmission supplies.
3. Industrial valves and fittings.
4. Welding supplies.
5. Industrial containers and supplies.
6. Other industrial supplies—Establishments primarily engaged in selling a special line of industrial materials and supplies not elsewhere classified, such as abrasives, mechanical rubber goods, ropes and cordage, and industrial diamonds.

Professional equipment and supplies (SIC 5086)—Establishments primarily engaged in the wholesale distribution of mechanical devices and other equipment used by architects, dentists, engineers,

physicians, surgeons, veterinarians, optometrists, osteopaths, and other professional groups.

SIC 5086 is subdivided in some tables into—

1. Dental supplies.
2. Religious and school supplies.
3. Surgical, medical, and hospital supplies.
4. Optical and ophthalmic goods.
5. Other professional equipment and supplies—Establishments primarily engaged in selling specialty lines of professional equipment and supplies not mentioned above, such as veterinarian equipment and supplies, drafting supplies, and scientific equipment.

Service establishment equipment and supplies (SIC 5087)—Establishments primarily engaged in the wholesale distribution of equipment and supplies for barber shops, beauty parlors, power laundries, dry-cleaning plants, upholsterers, undertakers, and related personal service establishments.

SIC 5087 is subdivided in some tables into—

1. Beauty and barber equipment and supplies.
2. Custodial (janitors') equipment and supplies.
3. Laundry and dry-cleaning equipment and supplies.
4. Other service establishment equipment and supplies—Establishments primarily engaged in selling a specialty line of service establishment supplies, such as upholsterers' equipment and supplies, seamstresses' supplies, tailors' supplies, undertakers' supplies, municipality equipment and supplies, and shoe repair supplies.

Transportation equipment and supplies, except motor vehicles (SIC 5088)—Establishments primarily engaged in the wholesale distribution of transportation equipment and supplies. Establishments primarily engaged in the wholesale distribution of motor vehicles and motor parts are classified in SIC 501.

SIC 5088 is subdivided in some tables into—

1. Aircraft and aeronautical equipment and supplies.
2. Marine machinery, equipment, and supplies.
3. Other transportation equipment and supplies—Establishments primarily engaged in selling equipment and supplies used in the operation, maintenance, and repair of railroads, streetcars, buses, tramways, aerial hoists, and horsedrawn vehicles.

Miscellaneous durable goods (SIC 509)

Scrap and waste materials (SIC 5093)—Establishments primarily engaged in assembling, breaking up, sorting, and wholesale distribution of scrap and waste materials. This industry includes auto wreckers engaged in dismantling automobiles for scrap. However, those engaged in dismantling cars for the purpose of selling secondhand parts at retail are classified in SIC 5931.

SIC 5093 is subdivided in some tables into—

1. Iron and steel scrap processors and dealers.

- a. Iron and steel scrap processors (using power processing equipment).

- b. Iron and steel scrap dealers (not using power processing equipment).

2. Waste and secondary materials.

Jewelry, watches, diamonds and other precious stones (SIC 5094)—Establishments primarily engaged in the wholesale distribution of jewelry, precious stones and metals, costume jewelry, watches, clocks, silverware, and jewelers' findings.

Durable goods, n.e.c. (SIC 5099)—Establishments primarily engaged in the wholesale distribution of durable goods, not elsewhere classified, such as musical instruments and forest products, except lumber.

SIC 5099 is subdivided in some tables into—

1. Musical instruments and supplies.
2. Forest products, except lumber.
3. Other durable goods.

Nondurable goods (SIC Major Group 51)

This major group includes establishments primarily engaged in the wholesale distribution of nondurable goods.

Paper and Paper Products (SIC 511)

Printing and writing paper (SIC 5111)—Establishments primarily engaged in the wholesale distribution of writing paper, including envelope paper; fine paper; and ground wood, printing, and rotogravure paper.

Stationery supplies (SIC 5112)—Establishments primarily engaged in the wholesale distribution of stationery and office supplies, including envelopes, typewriter and mimeograph paper, file cards and folders, pens, social stationery, and greeting cards.

Industrial and personal service paper (SIC 5113)—Establishments primarily engaged in the wholesale distribution of wrapping and other coarse paper, paperboard, cellophane, and converted paper products, such as bags, boxes, dishes, napkins, and shipping supplies.

Drugs, drug proprietaries and druggists' sundries (SIC 512)

Drugs, drug proprietaries, and druggists' sundries (SIC 5122)—Establishments primarily engaged in the wholesale distribution of drugs, drug proprietaries, druggists' sundries, and toiletries. Establishments primarily engaged in the wholesale distribution of surgical, dental, and hospital equipment are classified in SIC 5086.

SIC 5122 is subdivided in some tables into—

1. General-line drugs—These are distinguished from speciality-line drug and toiletries wholesalers on the basis of their commodity-line mix. Drug wholesalers were classified as general line if they reported a substantial portion of their sales in "drugs and pharmaceuticals" and a combination of

"proprietary (patent) medicines," "cosmetics," "perfumes," and "other toiletries and druggists' sundries."

2. Specialty-line pharmaceuticals, cosmetics, and toiletries.

Apparel, piece goods, and notions (SIC 513)

Piece goods (woven fabrics) (SIC 5133)—Establishments primarily engaged in the wholesale distribution of piece goods or yard goods of natural or synthetic fibers. "Converters" who buy goods in the grey, have them finished on contract, and sell at wholesale are included here. This industry does not include establishments primarily engaged in the wholesale distribution of home furnishings, which are classified in SIC 5023.

SIC 5133 is subdivided in some tables into—

1. Piece goods jobbers.
2. Piece goods converters.

Notions and other dry goods (SIC 5134)—Establishments primarily engaged in the wholesale distribution of notions (sewing and hair accessories, etc.), knit goods, and other dry goods, except piece goods.

Men's and boys' clothing and furnishings (SIC 5136)—Establishments primarily engaged in the wholesale distribution of men's and boys' apparel and furnishings, sportswear, hosiery, underwear, nightwear, and work clothing.

Women's, children's and infants' clothing and accessories (SIC 5137)—Establishments primarily engaged in the wholesale distribution of women's, children's, and infants' clothing and accessories, including hosiery, lingerie, millinery and millinery supplies, and furs.

Footwear (SIC 5139)—Establishments primarily engaged in the wholesale distribution of footwear made of leather, rubber, and other materials.

Groceries and related products (SIC 514)

Groceries, general line (SIC 5141)—Establishments primarily engaged in the wholesale distribution of a general line of groceries. Establishments primarily engaged in roasting coffee, blending tea, or grinding and packaging spices are classified in SIC major group 20.

SIC 5141 is subdivided in some tables into—

1. Voluntary group wholesalers.
2. Retail cooperative wholesalers.
3. Other general-line wholesalers.

Frozen foods (SIC 5142)—Establishments primarily engaged in the wholesale distribution of packaged quick-frozen vegetables, juices, meats, fish, poultry, pastries, and other "deep freeze" products. Establishments primarily engaged in the wholesale distribution of frozen dairy products are classified in SIC 5143. Frozen poultry, fish, and meat which are not packaged are classified in SIC 5144, 5146, and 5147, respectively.

Dairy products (SIC 5143)—Establishments primarily engaged in the wholesale distribution of dairy products, such as butter, cheese, ice cream and ices, and fluid milk and cream. This industry does not include establishments primarily engaged in pasteurizing and bottling milk, which are classified in SIC 202.

Poultry and poultry products (SIC 5144)—Establishments primarily engaged in the wholesale distribution of poultry and poultry products, except canned and packaged frozen products. This industry does not include establishments, primarily engaged in the killing and dressing of poultry, which are classified in SIC 2016. Establishments primarily engaged in the wholesale distribution of packaged frozen poultry are classified in SIC 5142, and of canned poultry in SIC 5149.

Confectionery (SIC 5145)—Establishments primarily engaged in the wholesale distribution of confectionery, such as candy, chewing gum, fountain fruits, salted or roasted nuts, popcorn, and fountain syrups; and potato, corn, and similar chips.

Fish and seafoods (SIC 5146)—Establishments primarily engaged in the wholesale distribution (not packaging) of fresh, cured, and frozen fish and seafoods, except canned (SIC 5149) or packaged frozen (SIC 5142). The preparation, packaging, and freezing of fresh fish and other seafood, and the shucking and packing of fresh oysters in nonsealed containers, are classified in SIC 2092.

Meats and meat products (SIC 5147)—Establishments primarily engaged in the wholesale distribution of fresh, cured, and processed (but not canned) meats and lard. The wholesale distribution of frozen packaged meats is classified in SIC 5142 and canned meats in SIC 5149.

Fresh fruits and vegetables (SIC 5148)—Establishments primarily engaged in the wholesale distribution of fresh fruits and vegetables.

Groceries and related products, n.e.c. (SIC 5149)—Establishments primarily engaged in the wholesale distribution of groceries and related products, not elsewhere classified. Establishments primarily engaged in the wholesale distribution of soft drinks, and in bottling and distributing natural spring and mineral waters, are classified in this industry, but establishments primarily engaged in bottling soft drinks are classified in SIC major group 20. This industry does not include farm-product raw materials (SIC 515), or beer, wine, and distilled alcoholic beverages (SIC 518).

SIC 5149 is subdivided in some tables into—

1. Coffee, tea, and spices.
2. Bread and baked goods.
3. Canned goods.
4. Food and beverage basic materials.
5. Other grocery specialties.

Farm-product raw materials (SIC 515)

Cotton (SIC 5152)—Establishments primarily engaged in buying and/or marketing cotton and cotton linters.

Grain (SIC 5153)—Establishments primarily engaged in buying and/or marketing grain (such as corn, wheat, oats, barley, and unpolished rice); and dry beans, soybeans, and other inedible beans. Country grain elevators primarily engaged in buying or receiving grain from farmers are included, as are terminal elevators and other merchants marketing grain.

Livestock (SIC 5154)—Establishments primarily engaged in buying and/or marketing cattle, hogs, sheep, and goats. This industry also includes the operation of livestock auction markets.

Farm-product raw materials, n.e.c. (SIC 5159)—Establishments primarily engaged in buying and/or marketing farm products not elsewhere classified, such as horses and mules, leaf tobacco, hides, skins, furs, wool, mohair, raw silk, hops, and nuts, except roasted or salted (SIC 5145). Establishments primarily engaged in the wholesale distribution of milk are classified in SIC 5143 and live poultry in SIC 5144.

SIC 5159 is subdivided in some tables into—

1. Hides, skins, and pelts.
2. Leaf tobacco.
3. Wool, wool tops, and mohair.
4. Other farm-product raw materials.

Chemicals and allied products (SIC 516)

Chemicals and allied products (SIC 5161)—Establishments primarily engaged in the wholesale distribution of chemicals and allied products, not elsewhere classified, such as acids, industrial and heavy chemicals, dyestuffs, industrial salts, naval stores, plastics materials, rosin, and turpentine. Establishments primarily engaged in the wholesale distribution of ammunition are classified in SIC 5041; agricultural chemicals and pesticides in industry 5191; drugs in SIC 5122; and paints and varnishes in SIC 5198.

SIC 5161 is subdivided in some tables into—

1. Chemicals and allied products, except plastics and gases.
2. Plastics materials and basic forms.
3. Industrial gases, except LP.

Petroleum and petroleum products (SIC 517)

Petroleum bulk stations and terminals (SIC 5171)—Establishments primarily engaged in wholesaling petroleum products, including liquefied petroleum gas, from bulk liquid storage facilities.

SIC 5171 is subdivided in some tables into—

1. Petroleum bulk stations, except LP.
2. Petroleum bulk terminals, except LP.
3. Liquefied petroleum gas.

Petroleum and petroleum products, except bulk stations and terminals (SIC 5172)—Establishments primarily engaged in wholesaling petroleum and petroleum products, except those with bulk liquid storage facilities.

Included are packaged and bottled petroleum products distributors, truck jobbers, and others marketing petroleum and petroleum products at wholesale but without bulk liquid storage facilities.

Beer, wine and distilled alcoholic beverages (SIC 518)

Beer and ale (SIC 5181)—Establishments primarily engaged in the wholesale distribution of beer, ale, porter, and other fermented malt beverages.

Wines and distilled alcoholic beverages (SIC 5182)—Establishments primarily engaged in the wholesale distribution of distilled spirits, including neutral spirits and ethyl alcohol used in blending wines and distilled liquors.

SIC 5182 is subdivided in some tables into—

1. Wine and distilled spirits—licensed operation.
2. Wine and distilled spirits—State operated.

Miscellaneous nondurable goods (SIC 519)

Farm supplies (SIC 5191)—Establishments primarily engaged in the wholesale distribution of animal feeds, fertilizers, agricultural chemicals, pesticides, seeds, and other farm supplies, except grains.

SIC 5191 is subdivided in some tables into—

1. Farm supplies—farm dealers.
2. Farm supplies—wholesale distributors.

Tobacco and tobacco products (SIC 5194)—Establishments primarily engaged in the wholesale distribution of tobacco and tobacco products. Leaf tobacco wholesalers are classified in SIC 5159 and establishments primarily engaged in stemming and redrying tobacco in SIC 2141.

Paints, varnishes, and supplies (SIC 5198)—Establishments primarily engaged in the wholesale distribution of paints, varnishes, wallpaper, and supplies. Glass is frequently handled. Establishments selling to the general public and known as "retail" in the trade are classified in SIC 5231.

Nondurable goods, n.e.c. (SIC 5199)—Establishments primarily engaged in the wholesale distribution of nondurable goods, not elsewhere classified, such as books, periodicals, and newspapers; art goods; flowers and florists' supplies; industrial yarn; and textile bags and bagging.

SIC 5199 is subdivided in some tables into—

1. Books, periodicals, newspapers.
2. Art goods.
3. Flowers and florists' supplies.
4. General merchandise.
5. Textile bags and bagging.
6. Specialty advertising (sale of merchandise).
7. Other nondurable goods.

TYPE-OF-OPERATION CLASSIFICATIONS

In addition to being classified by kind of business, each wholesale establishment was classified for the census by type of operation according to the ownership of the business, ownership of the goods sold, or character of the principal transactions. Establishments in wholesale trade are grouped into the following three major types of operation and related subgroups:

Merchant wholesalers—Establishments primarily engaged in buying and selling merchandise on their own account. Included here are such types of establishments as wholesale merchants or jobbers, industrial distributors, voluntary group wholesalers, importers, exporters, cash-and-carry wholesalers, retailer cooperative warehouses, terminal and country grain elevators, farm products assemblers, wholesale cooperative associations, and petroleum bulk plants and terminals operated by nonrefining companies.

Wholesale distributors and jobbers—Establishments primarily engaged in buying and selling merchandise in the domestic market and performing the principal wholesale functions of buying, stocking, selling, etc.

Importers—Establishments buying and selling goods at wholesale on their own account, whose principal source of purchases was foreign.

Exporters—Establishments primarily engaged in purchasing goods in the United States and selling them to foreign customers.

Terminal grain elevators—Grain elevators primarily engaged in buying and selling grain received from country grain elevators and grain marketing establishments. They have sizable space for grain storage, and products are received primarily by rail or barge rather than by truck.

Country grain elevators—Grain elevators, cooperative or other, buying and receiving grain directly from farmers by truck and selling at wholesale.

Assemblers of farm products, except country grain elevators—Establishments primarily engaged in purchasing directly from farmers and assembling and marketing farm products at wholesale.

Manufacturers sales branches and offices—Establishments maintained by manufacturing, refining, and mining companies apart from their plants or mines for marketing their products at wholesale. Branch stores selling to household consumers and individual users are classified in retail trade. Sales branches and sales offices located at plants and at administrative offices are included when separate records are available. In some tables, data are shown separately for manufacturers' sales branches and for sales offices. These two types of establishments differ in that sales offices do not carry stocks of merchandise for delivery to customers.

Agents, brokers, and commission merchants—Establishments whose operators are in business for themselves and are primarily engaged in selling or buying goods for others. Included here are such types of operations as auction companies, import agents, export agents, selling agents, merchandise brokers, and commission merchants. "Sales" as shown in census publications for agents, brokers, and commission merchants represent the gross sales (or purchase) value of the goods in the transactions negotiated.

Auction companies—Wholesale establishments primarily engaged in selling merchandise on an agency basis by auction.

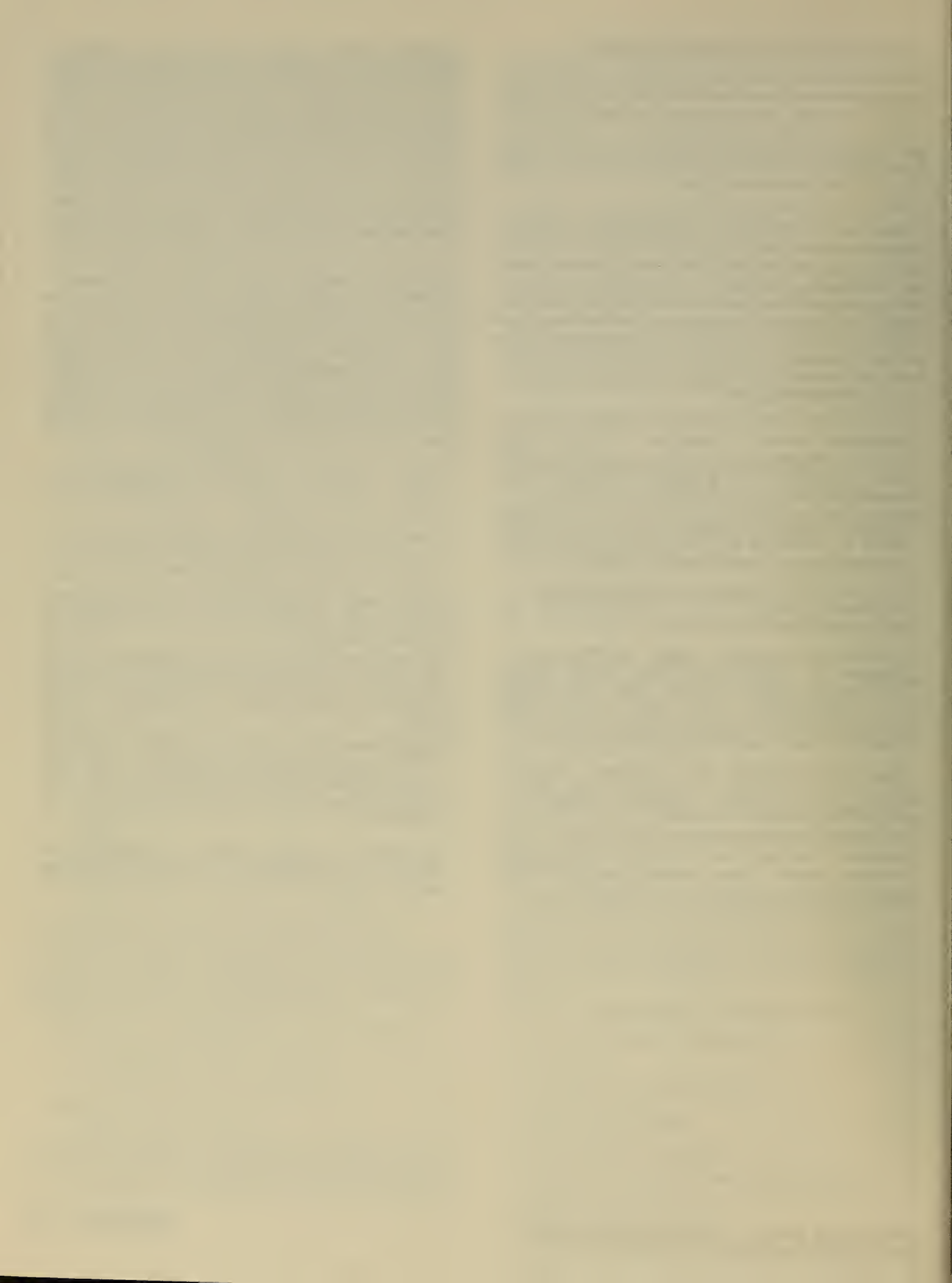
Import agents—Merchandise agents and brokers in the domestic market buying merchandise from or selling merchandise for foreign firms.

Export agents—Merchandise agents and brokers in the domestic market selling to or buying for foreign customers.

Manufacturers' agents—Wholesale establishments in the domestic market selling for a limited number of manufacturers on a continuing agency basis.

Brokers (representing buyers or sellers)—Wholesale establishments primarily engaged in selling or buying merchandise in the domestic market on a brokerage basis but not receiving the goods on consignment.

Commission merchants—Wholesale establishments operating in the domestic market receiving goods for sale on consignment.



APPENDIX B. General Questions



U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
FORM

1982 CENSUS OF DISTRIBUTIVE TRADES

O.M.B. APPROVAL NO. 0607-0067 EXPIRES 12/84

NOTICE - Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to this Census File Number (CFN) **Employer Identification (EI) Number** **CB-5001**

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

DUE DATE: FEBRUARY 15, 1983

If you cannot file by the due date, a time extension request should be sent to the above address; please include your 11-digit Census File Number (CFN).

Note - Please read the accompanying instructions before answering the questions.

Please correct errors in name, address, and ZIP code. ENTER street and number if not shown.

Item 1 - EMPLOYER IDENTIFICATION NUMBER
Is the Employer Identification (EI) Number shown in the label the SAME as that used for this establishment on its latest 1982 Employer's Quarterly Federal Tax Return, Treasury Form 941?
094 1 ☐ YES (9 digits)
2 ☐ NO - Enter Current EI Number

Item 2 - PHYSICAL LOCATION OF ESTABLISHMENT
Answer items a, b, c, and d.
NOTE: P.O. boxes or rural routes are not physical locations.
a. ☐ Same as shown in mailing label. If different, indicate change.
NUMBER AND STREET
CITY TOWN VILLAGE ETC STATE ZIP CODE
b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?
095 1 ☐ YES 2 ☐ NO
3 ☐ No legal boundaries 4 ☐ Don't know
c. Type of municipality where physically located
096 1 ☐ City, village, or borough 2 ☐ Town or township 3 ☐ Other or don't know
d. Name of county where physically located

Item 3 - OPERATIONAL STATUS
a. How many months during 1982 did this firm or organization actively operate this establishment?
002 Number of months
b. Mark (X) the ONE box which best describes this establishment at the end of 1982.
001 1 ☐ In operation
2 ☐ Temporarily or seasonally inactive
3 ☐ Ceased operation - Give date
4 ☐ Sold or leased to another operator - Give date at right AND enter name, etc., below
NAME OF NEW OWNER OR OPERATOR
NUMBER AND STREET
CITY STATE ZIP CODE

Item 4 - ORGANIZATIONAL STATUS
Mark (X) the ONE box which best describes this establishment during 1982.
003 1 ☐ Individual proprietorship
2 ☐ Partnership
3 ☐ Cooperative association (taxable)
4 ☐ Cooperative association (tax-exempt)
5 ☐ Government - Specify
6 ☐ Corporation (Do not mark if any form of cooperative association.)
9 ☐ Other - Specify

Item 5 - INVENTORIES
a. Did you have inventories at the end of the years specified?
110 1 ☐ YES 120 1 ☐ YES
2 ☐ NO 2 ☐ NO
If "NO" for both years, SKIP to item 6.
b. Report inventories at cost or market using generally accepted accounting methods. For inventories at LIFO cost use the sum of the LIFO amount plus the LIFO reserve when completing lines b and d.
c. Amount of total on line b which was not subject to LIFO costing.
d. Amount of total on line b which was subject to LIFO costing.
(1) Amount of the LIFO reserve
(2) LIFO value of line d
NOTE: The sum of lines d(1) and d(2) should equal line c. The sum of lines c and d should equal line b.

Item 6 - DOLLAR VOLUME OF BUSINESS IN 1982
a. Sales of merchandise and other operating receipts
b. Did this establishment sell merchandise on a commission or brokerage basis?
c. Gross selling value of business conducted for the account of others (Include in item 6a.)
d. Dollar volume of commissions or brokerage received on transactions reported in item 6c.
e. What percentage of the products sold by this establishment did your company (including firms under common ownership or control) manufacture or mine in the United States or its possessions?
f. Did this establishment have transfers (billings) to other establishments within your company?
g. Dollar volume of transfers (billings) to other establishments within your company (DO NOT include in item 6a.)
h. Were 50% or more of the products sold by this establishment imported from a foreign country?

Item 7 - PAYROLL AND EMPLOYMENT
a. Payroll in 1982, before deductions
(1) Total ANNUAL payroll
(2) FIRST QUARTER payroll
b. Employment in 1982
Number of paid employees for the pay period including March 12, 1982. (Include both full- and part-time employees.)

Item 8 - EMPLOYMENT BY PRINCIPAL ACTIVITY
Report the approximate number of employees at this establishment according to their principal activity during the pay period including March 12, 1982.
a. Selling
b. Sales support (including office and clerical, warehousing, drivers, maintenance employees)
c. Central administrative and auxiliary
d. Manufacturing
e. Other - Specify
f. TOTAL - Sum of lines a through e should equal item 7b

Item 9 - OPERATING EXPENSES
TOTAL 1982 operating expenses, including payroll but excluding cost of goods sold

Item 10 - SALES BY CUSTOMER CLASSES
Report the approximate percentage of your 1982 sales (item 6a) to each of the customer classes listed.
a. To farmers (for farm use)
b. To builders and contractors
c. Export sales
d. To retailers and repair shops
e. To wholesale establishments
f. To household consumers and individual users
g. To industrial users (manufacturing and mining)
h. To institutional, commercial, and professional users
i. To governmental bodies (federal, state, and local)
j. TOTAL - Sum of lines a through i should add to 100%

HOW TO REPORT DOLLAR FIGURES
Value figures may be reported in dollars or rounded to thousands.
Example: If a figure is \$1,125,628, report either
• PREFERRED 1 125 628
• Acceptable 1 125 628

Penalty for Failure to Report

CONTINUE ON PAGE 2

Item 11 - TYPE OF OPERATION <small>Mark (X) the ONE box which best describes the basis on which the major portion of your business was conducted in 1982.</small>					b. Does this company own or control any other company or companies? 098 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO					ENTER OWNED OR CONTROLLED COMPANY NAME, ADDRESS, AND ZIP CODE _____ _____ _____														
a. Merchant (buying and selling on own account) <input type="checkbox"/> 10 b. Manufacturers' sales branch or sales office <input type="checkbox"/> 20 c. Broker, agent, commission merchant (1) Auction company <input type="checkbox"/> 41 (2) Broker (representing buyers or sellers) <input type="checkbox"/> 42 (3) Commission merchant <input type="checkbox"/> 43 (4) Manufacturers' agent <input type="checkbox"/> 46 d. Other type of operation - Specify: _____ <input type="checkbox"/> 77					e. How many establishments were operated under the EI Number shown in the address label (or as corrected in item 1) at the end of 1982? <input type="text"/> 079 If more than one, provide the physical location address and other information indicated below for each establishment. Continue with same format in item 15 (or attach a separate sheet) if necessary.					Et Number (9 digits) <input type="text"/> _____														
Item 12 - KIND OF BUSINESS <small>Mark (X) the ONE box which best describes the PRINCIPAL kind of business of this establishment in 1982.</small> (Categories appropriate to individual form)					NAME, ADDRESS, AND ZIP CODE _____ _____ _____					1982 Mil. Thou. Dol. Sales <input type="checkbox"/> 081 Annual payroll <input type="checkbox"/> 082 Census use <input type="checkbox"/> 088 <input type="checkbox"/> 089														
Item 13 - COMMODITY LINES <small>Report sales either in dollar figures (see example on page 1) or as percent (in whole percents) of the total (see example below).</small>					2 NAME, ADDRESS, AND ZIP CODE _____ _____ _____					1982 Mil. Thou. Dol. Sales <input type="checkbox"/> 081 Annual payroll <input type="checkbox"/> 082 Census use <input type="checkbox"/> 088 <input type="checkbox"/> 089														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; text-align: center;"> If figure is 38.76% of total sales a Report whole percents _____ Not acceptable _____ </td> <td style="width: 10%; text-align: center;">Mil.</td> <td style="width: 10%; text-align: center;">Thou.</td> <td style="width: 10%; text-align: center;">Dol.</td> <td style="width: 10%; text-align: center;">Percent</td> </tr> <tr> <td style="text-align: center;">38.76</td> <td></td> <td></td> <td></td> <td style="text-align: center;">39</td> </tr> </table>					If figure is 38.76% of total sales a Report whole percents _____ Not acceptable _____	Mil.	Thou.	Dol.	Percent	38.76				39	Estimated sales during 1982 Mil. Thou. Dol. Percent _____					Item 15 - REMARKS - Please use this space for any explanations that may be essential in understanding your reported data. _____ _____ _____				
If figure is 38.76% of total sales a Report whole percents _____ Not acceptable _____	Mil.	Thou.	Dol.	Percent																				
38.76				39																				
Commodity lines _____ _____ _____					Item 16 - CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions. Period covered by this report: FROM: Mo. Year TO: Mo. Year Name of person to contact regarding this report - Print or type: _____ Telephone: Area code _____ Number _____ Extension _____ Signature of authorized person: _____ Date: _____					Item 14 - OWNERSHIP, CONTROL, AND LOCATIONS OF OPERATION a. Is this company owned or controlled by another company? 097 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO														
NOTE: Answer item 14 only if your Census File Number (CFN), shown in the address label of this report form, begins with a zero.					ENTER OWNING OR CONTROLLING COMPANY NAME, ADDRESS, AND ZIP CODE _____ _____ _____					Et Number (9 digits) <input type="text"/> _____														

APPENDIX C.

Kind-of-Business Titles and Reporting-Form Numbers

Listed below are wholesale kind-of-business titles and their corresponding reporting-form numbers. Requests for copies of any of these forms, including the inquiries used to classify establishments by kind of business, should be directed to the Business Division, Bureau of the Census, Washington, D.C. 20233.

SIC code	Title	Standard form CB-	Classification form CB-	SIC code	Title	Standard form CB-	Classification form CB-
	DURABLE GOODS				NONDURABLE GOODS		
501	Motor vehicles and automotive parts and supplies:			511	Paper and paper products:		
5012	Automobiles and other motor vehicles.....	5001	5099	5111	Printing and writing paper.....	5101	5198
5013	Automotive parts and supplies.....	5001	5099	5112	Stationery supplies.....	5101	5198
5014	Tires and tubes.....	5001	5099	5113	Industrial and personal service paper.....	5101	5198
				512	Drugs, drug proprietaries and druggists' sundries:		
502	Furniture and home furnishings:			5122	Drugs, drug proprietaries, and druggists' sundries.....	5102	5198
5021	Furniture.....	5002	5097				
5023	Home furnishings.....	5002	5097				
				513	Apparel, piece goods, and notions:		
503	Lumber and other construction materials:			5133	Piece goods.....	5103	5198
5031	Lumber, plywood and millwork.....	5003	5097	5134	Notions and other dry goods.....	5103	5198
5039	Construction materials, n.e.c.....	5003	5097	5136	Men's and boys' clothing and furnishings...	5104	5198
				5137	Women's, children's and infants' clothing and accessories.....	5104	5198
504	Sporting, recreational, photographic, and hobby goods, toys and supplies:			5139	Footwear.....	5104	5198
5041	Sporting and recreational goods and supplies.	5004	5099				
5042	Toys and hobby goods and supplies.....	5004	5099				
5043	Photographic equipment and supplies.....	5004	5099	514	Groceries and related products:		
				5141	Groceries, general line.....	5105	5197
505	Metals and minerals, except petroleum:			5142	Frozen foods.....	5106	5197
5051	Metals service centers and offices.....	5005	5099	5143	Dairy products.....	5106	5197
5052	Coal and other minerals and ores.....	5006	5099	5144	Poultry and poultry products.....	5106	5197
				5145	Confectionery.....	5106	5197
				5146	Fish and seafoods.....	5106	5197
506	Electrical goods:			5147	Meat and meat products.....	5106	5197
5063	Electrical apparatus and equipment.....	5007	5097	5148	Fresh fruits and vegetables.....	5106	5197
5064	Electrical appliances, TV and radio sets...	5007	5097	5149	Groceries and related products, n.e.c.....	5106	5197
5065	Electronic parts and equipment.....	5007	5097				
				515	Farm-product raw materials:		
507	Hardware, and plumbing and heating equipment and supplies:			5152	Cotton.....	5107	5199
5072	Hardware.....	5008	5097	5153	Grain.....	5107	5199
5074	Plumbing and heating equipment and supplies.	5008	5097	5154	Livestock.....	5107	5199
5075	Warm air heating and air conditioning equipment and supplies.....	5008	5097	5159	Farm-product raw materials, n.e.c.....	5107	5199
5078	Refrigeration equipment and supplies.....	5008	5097				
				516	Chemicals and allied products:		
508	Machinery, equipment, and supplies:			5161	Chemicals and allied products.....	5108	5198
5081	Commercial machines and equipment.....	5009	5098				
5082	Construction and mining machinery and equipment.....	5010	5098	517	Petroleum and petroleum products:		
5083	Farm and garden machinery and equipment...	5010	5098	5171	Petroleum bulk stations and terminals.....	5109	¹ NA
5084	Industrial machinery and equipment.....	5011	5098	5172	Petroleum and petroleum products whole-salers, except bulk stations and terminals..	5109	5198
5085	Industrial supplies.....	5012	5098				
5086	Professional equipment and supplies.....	5013	5098	518	Beer, wine and distilled alcoholic beverages:		
5087	Service establishment equipment and supplies.	5014	5098	5181	Beer and ale.....	5110	5199
5088	Transportation equipment and supplies, except motor vehicles.....	5015	5098	5182	Wines and distilled alcoholic beverages....	5110	5199
509	Miscellaneous durable goods:			519	Miscellaneous nondurable goods:		
5093	Scrap and waste materials.....	5016	5099	5191	Farm supplies.....	5111	5198
5094	Jewelry, watches, diamonds and other precious stones.....	5017	5099	5194	Tobacco and tobacco products.....	5112	5198
5099	Durable goods, n.e.c.....	5018	5099	5198	Paints, varnishes, and supplies.....	5113	5198
				5199	Nondurable goods, n.e.c.....	5114	5198

¹Petroleum bulk stations and terminals were all sent form CB-5109.



APPENDIX D.

Standard Metropolitan Statistical Areas

[Titles and definitions shown for SMSA's are those established by the Office of Management and Budget, as of January 1982]

Standard Metropolitan Statistical Areas

SMSA and definition

Phoenix, Ariz.
Maricopa County, Ariz.

Tucson, Ariz.
Pima County, Ariz.



APPENDIX E.

Percent of Sales Data Based on Administrative Records and Estimation for the State: 1982

[For meaning of abbreviations and symbols, and for more information on reliability of data, see introductory text]

SIC code	Kind of business	Percent of sales—		SIC code	Kind of business	Percent of sales—	
		From administrative records ¹	Estimated ²			From administrative records ¹	Estimated ²
	Wholesale trade	0	0	50	Durable goods—Con.		
50	Durable goods	0	1	509	Miscellaneous durable goods	0	1
501	Motor vehicles and automotive parts and supplies	0	0	5093	Scrap and waste materials	0	0
5012	Automobiles and other motor vehicles	0	0	5094	Jewelry, watches, diamonds and other precious stones	1	1
5013	Automotive parts and supplies	0	1	5099	Durable goods, n.e.c.	0	2
5014	Tires and tubes	0	0	51	Nondurable goods	0	0
502	Furniture and home furnishings	0	1	511	Paper and paper products	0	0
5021	Furniture	0	0	5111	Printing and writing paper	0	0
5023	Home furnishings	0	1	5112	Stationery supplies	0	0
503	Lumber and other construction materials	0	0	5113	Industrial and personal service paper	0	0
5031	Lumber, plywood and millwork	0	0	512	Drugs, drug proprietaries and druggists' sundries	2	0
5039	Construction materials, n.e.c.	0	1	5122	Drugs, drug proprietaries, and druggists' sundries	2	0
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	1	1	513	Apparel, piece goods, and notions	2	2
5041	Sporting and recreational goods and supplies	0	0	5133	Piece goods (woven fabrics)	1	6
5042	Toys and hobby goods and supplies	2	1	5134	Notions and other dry goods	(D)	(D)
5043	Photographic equipment and supplies	1	0	5136	Men's and boys' clothing and furnishings	0	0
505	Metals and minerals, except petroleum	0	0	5137	Women's, children's and infants' clothing and accessories	(D)	(D)
5051	Metals service centers and offices	(D)	(D)	5139	Footwear	2	1
5052	Coal and other minerals and ores	(D)	(D)	514	Groceries and related products	0	0
506	Electrical goods	0	1	5141	Groceries, general line	0	0
5063	Electrical apparatus and equipment	0	0	5142	Frozen foods	0	0
5064	Electrical appliances, television and radio sets	0	0	5143	Dairy products	0	1
5065	Electronic parts and equipment	0	1	5144	Poultry and poultry products	0	0
507	Hardware, and plumbing and heating equipment and supplies	0	1	5145	Confectionery	0	0
5072	Hardware	0	1	5146	Fish and seafoods	1	0
5074	Plumbing and heating equipment and supplies (hydronics)	0	0	5147	Meats and meat products	0	0
5075	Warm air heating and air conditioning equipment and supplies	0	3	5148	Fresh fruits and vegetables	1	1
5078	Refrigeration equipment and supplies	0	0	5149	Groceries and related products, n.e.c.	0	1
508	Machinery, equipment, and supplies	0	1	515	Farm-product raw materials	0	0
5081	Commercial machines and equipment	0	1	5152	Cotton	0	0
5082	Construction and mining machinery and equipment	0	2	5153	Grain	0	0
5083	Farm and garden machinery and equipment	0	1	5154	Livestock	(D)	(D)
5084	Industrial machinery and equipment	0	1	5159	Farm-product raw materials, n.e.c.	(D)	(D)
5085	Industrial supplies	0	1	516	Chemicals and allied products	0	0
5086	Professional equipment and supplies	0	1	5161	Chemicals and allied products	0	0
5087	Service establishment equipment and supplies	0	1	517	Petroleum and petroleum products	0	0
5088	Transportation equipment and supplies, except motor vehicles	0	1	5171	Petroleum bulk stations and terminals	0	0
				5172	Petroleum and petroleum products, except bulk stations and terminals	0	0
				518	Beer, wine and distilled alcoholic beverages	0	1
				5181	Beer and ale	0	0
				5182	Wines and distilled alcoholic beverages	0	1
				519	Miscellaneous nondurable goods	0	1
				5191	Farm supplies	0	1
				5194	Tobacco and tobacco products	0	2
				5198	Paints, varnishes, and supplies	0	0
				5199	Nondurable goods, n.e.c.	0	1

Coverage symbols: 0—Less than 10 percent; 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

¹Includes sales information obtained from administrative records of other Federal agencies.

²Includes sales information which was imputed based on historic company ratios or administrative records, or on industry averages.

³Calculated only for establishments with payroll.

APPENDIX F. Geographic Notes

Apache Junction is in Maricopa and Pinal Counties. It was incorporated in 1978.

Lake Havasu City was incorporated in October 1978.

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A report (WC82-I-2) on measures of value produced, capital expenditures, depreciable assets, and operating expenses presents data for the United States by major kinds of business. Data also are provided on sales, purchases, and beginning and ending inventories. Measures of value produced include gross margin, value added, and net income produced at market prices and factor costs. Operating expenses include annual payroll, supplemental labor costs, purchased services, etc.

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